

Jsem učitel/učitelka: 1. ročníku 2. ročníku 3. ročníku 4. ročníku 5. ročníku

1. Využíváte didaktickou hru v matematice? Označte kroužkem.

ano ne

V případě, že jste odpověděl/a kladně, prosím o zodpovězení následujících otázek.

2. Jak často ji zařazujete do výuky? Označte kroužkem nebo doplňte slovně.

1x/týden 2x/týden 3x/týden 4x/týden 5x/týden jiná frekvence

3. Do které části vyučovací hodiny ji začleňujete? Označte kroužkem nebo doplňte slovně.

úvodní hlavní závěrečná jiné zařazení

4. K jakému cíli využíváte didaktickou hru?

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.....
.....

5. Napište pozitiva a negativa využívání didaktické hry v matematice.

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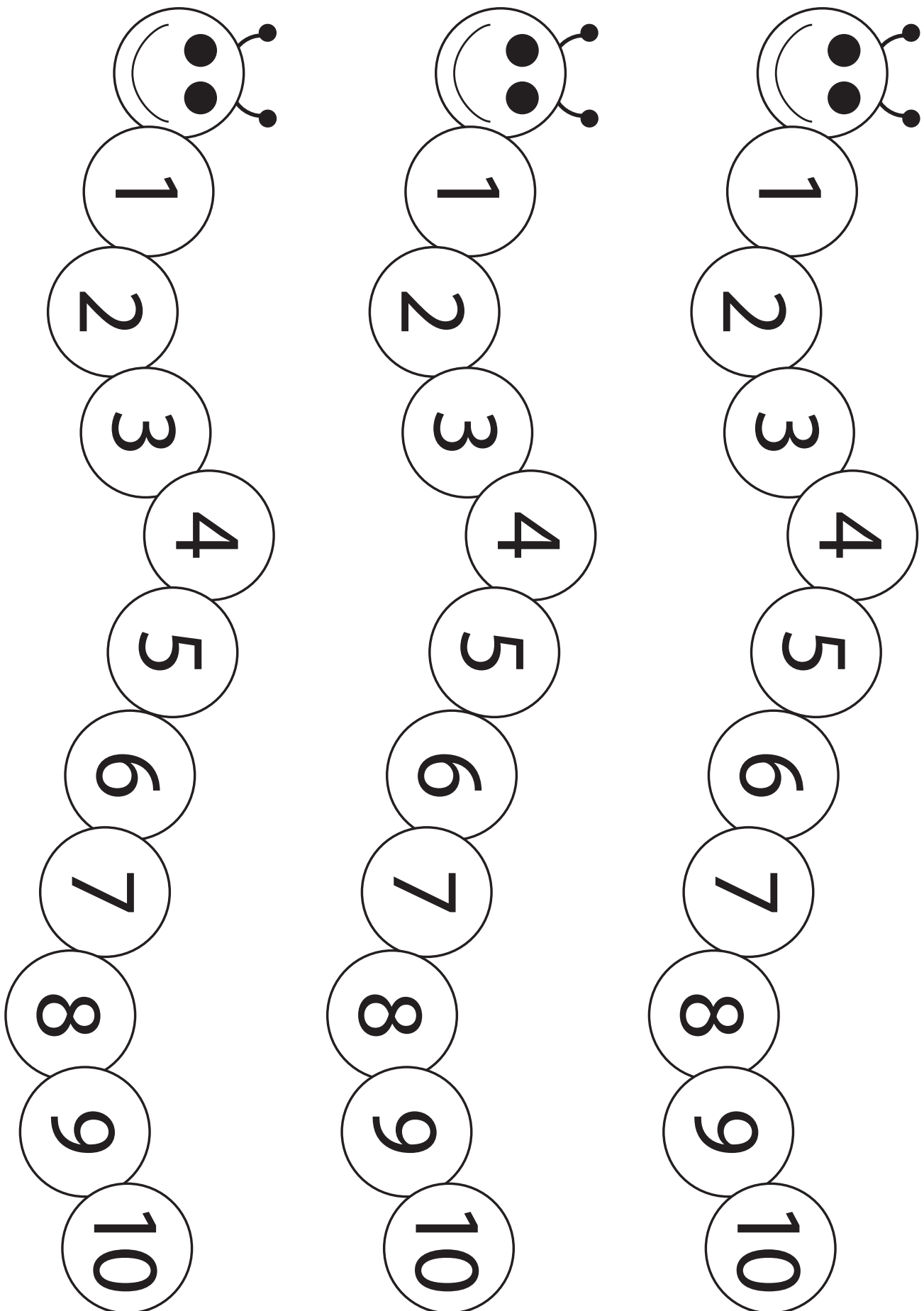
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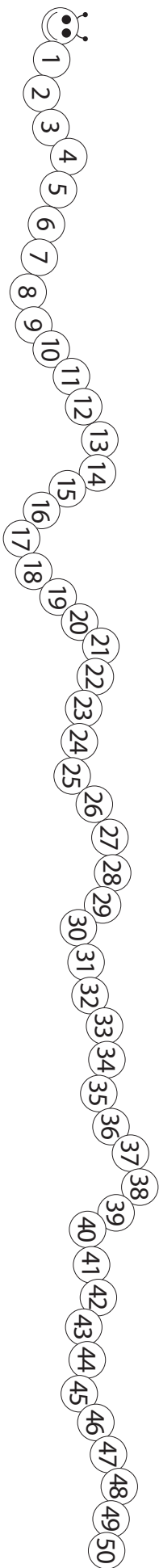
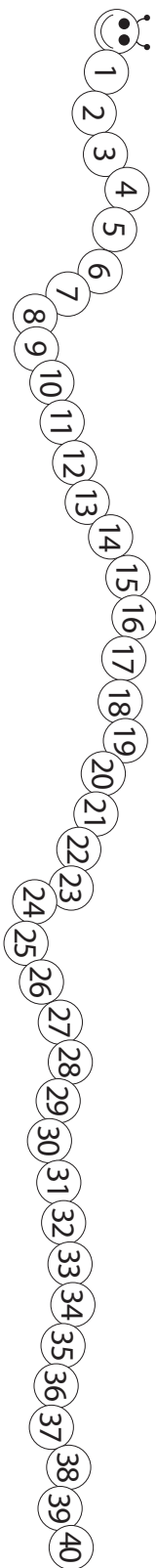
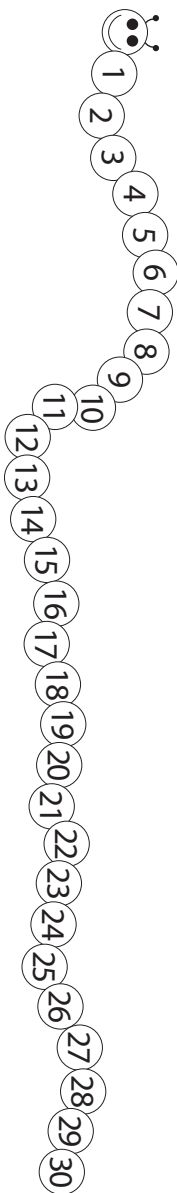
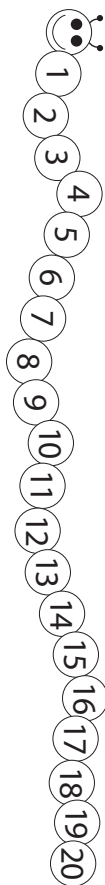
6. Je, dle vašeho názoru, použití didaktické hry v hodinách matematiky efektivní?

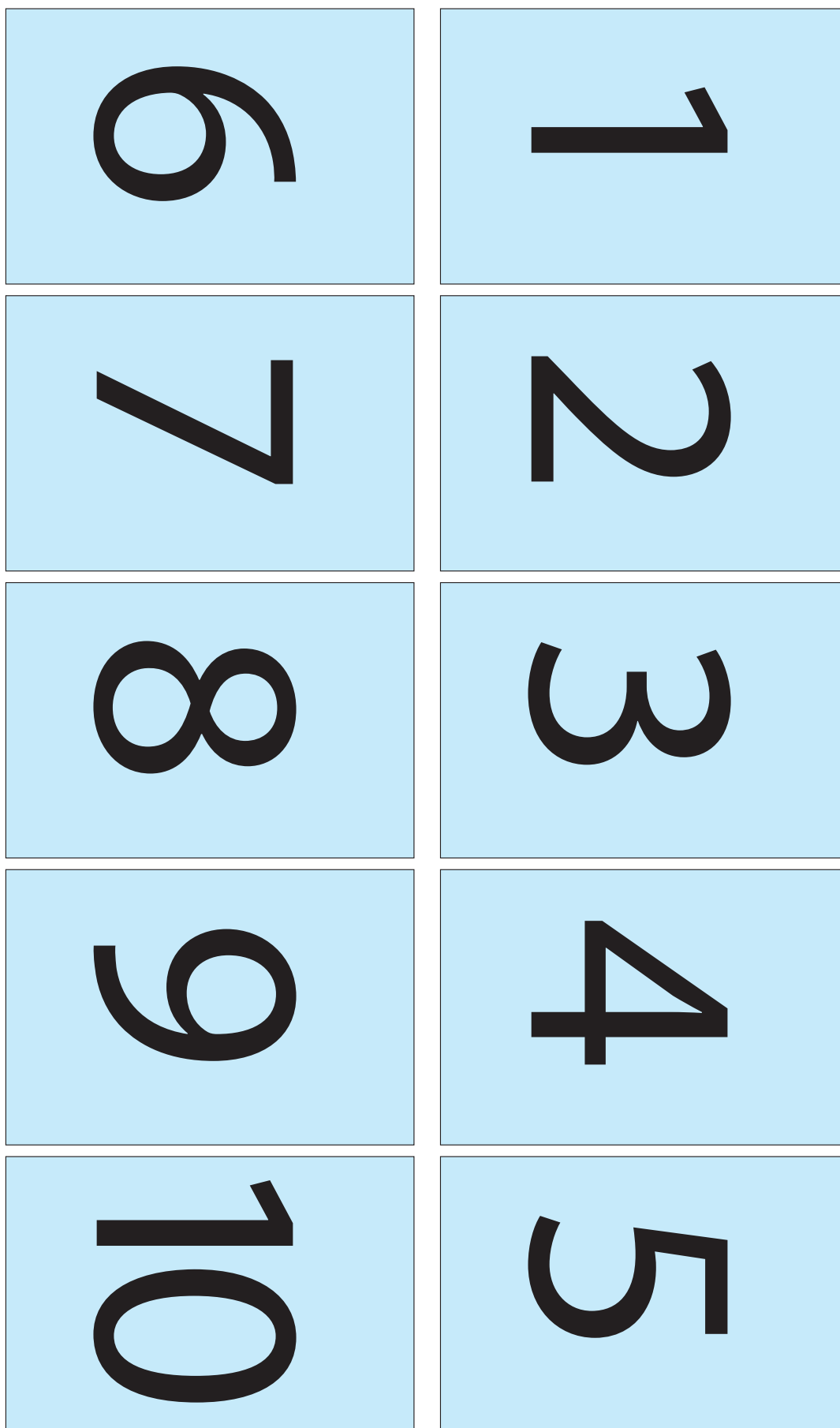
Označte kroužkem na škále 1-5 jako známkování ve škole, případně doplňte slovně.

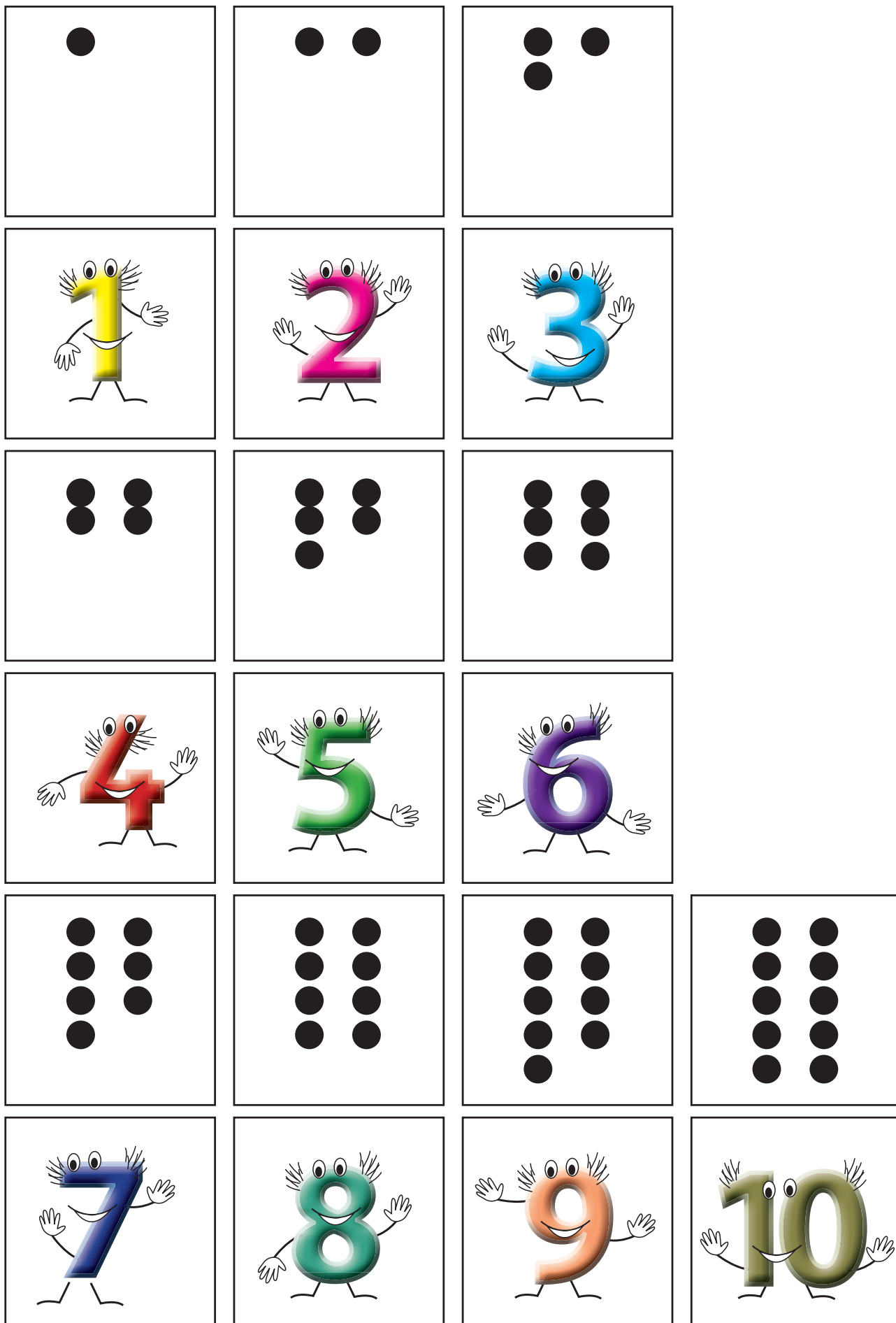
1 2 3 4 5

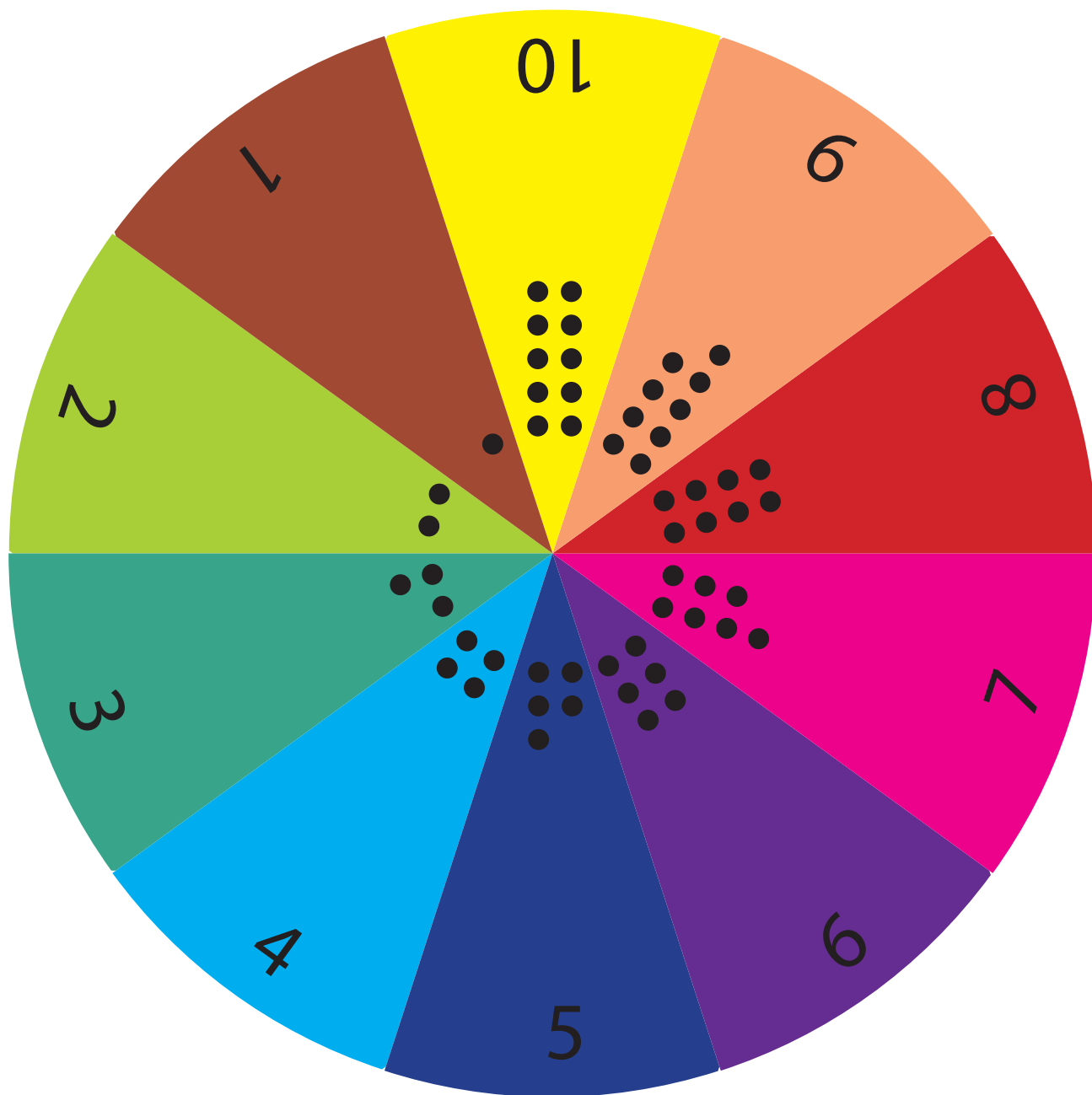
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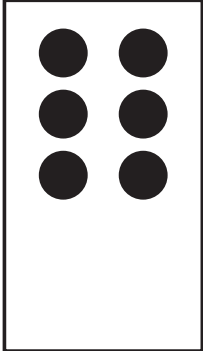
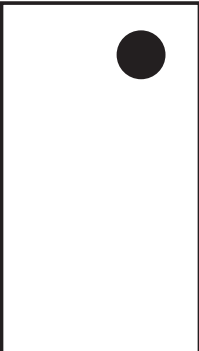
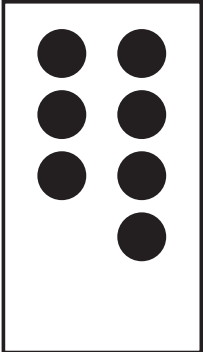
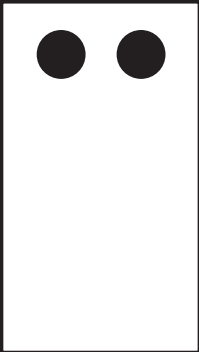
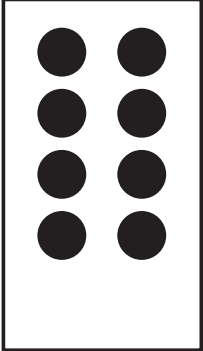
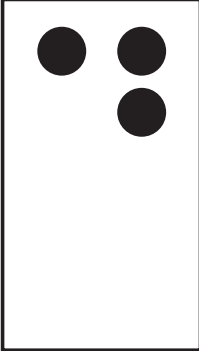
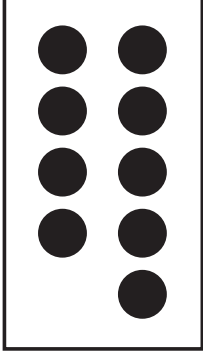
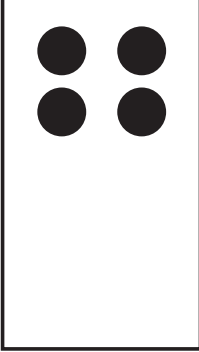
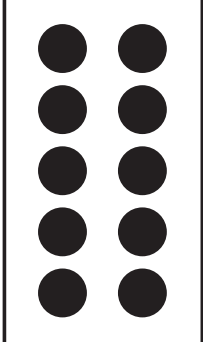
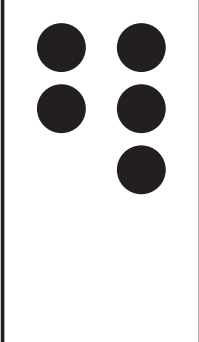


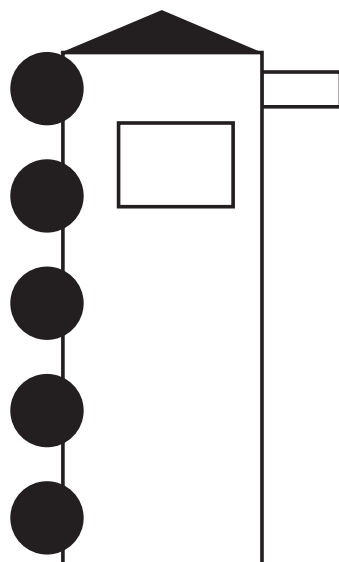


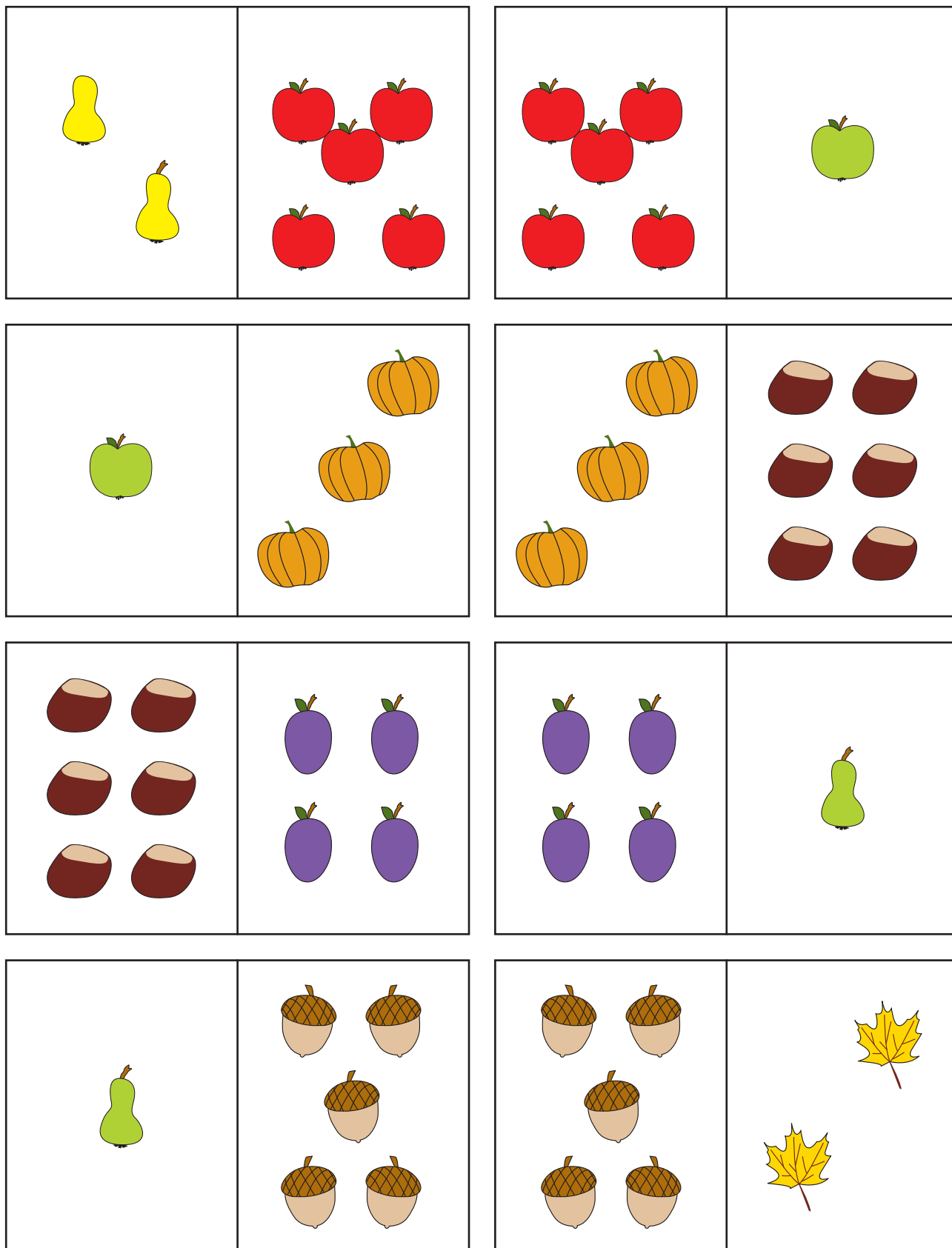


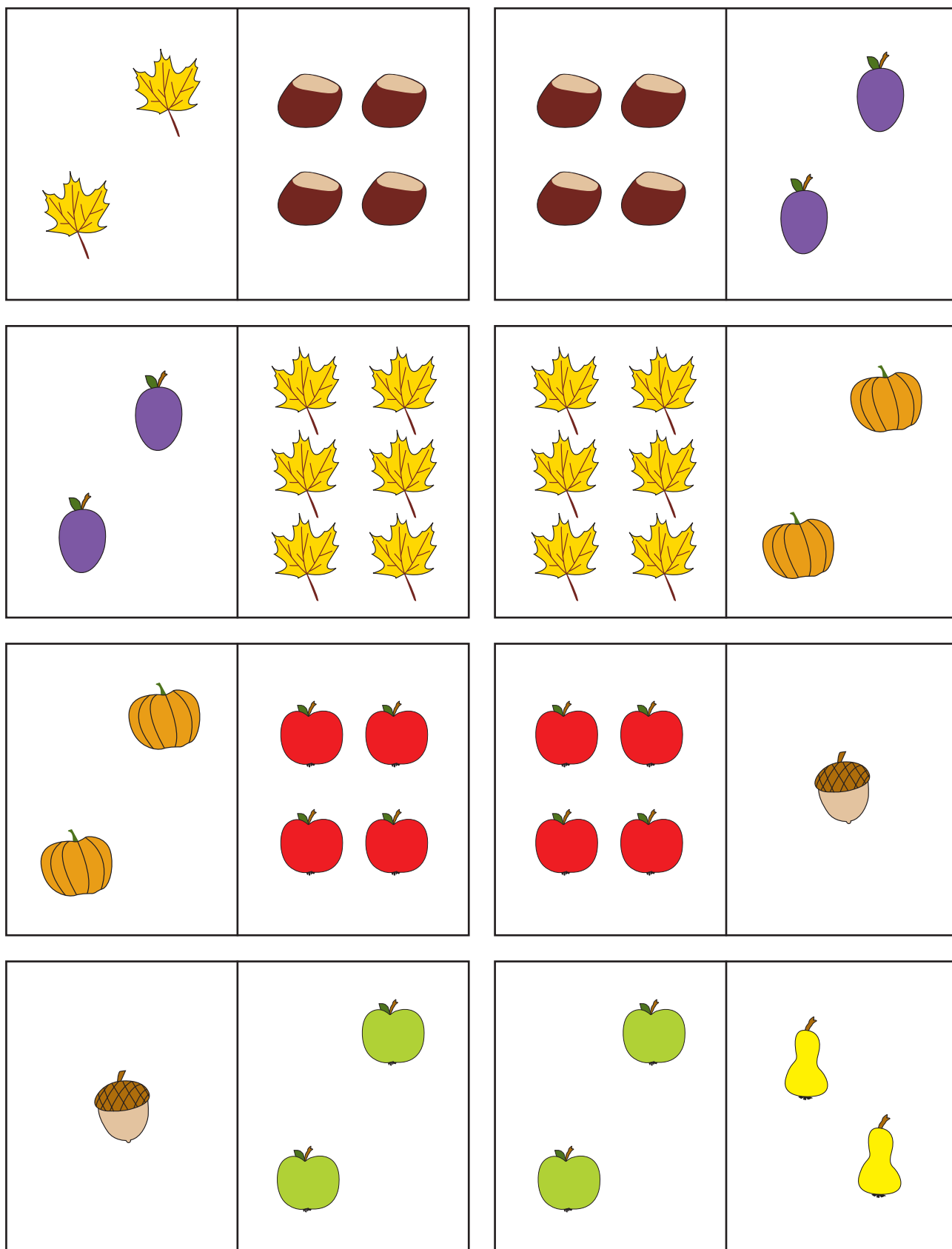


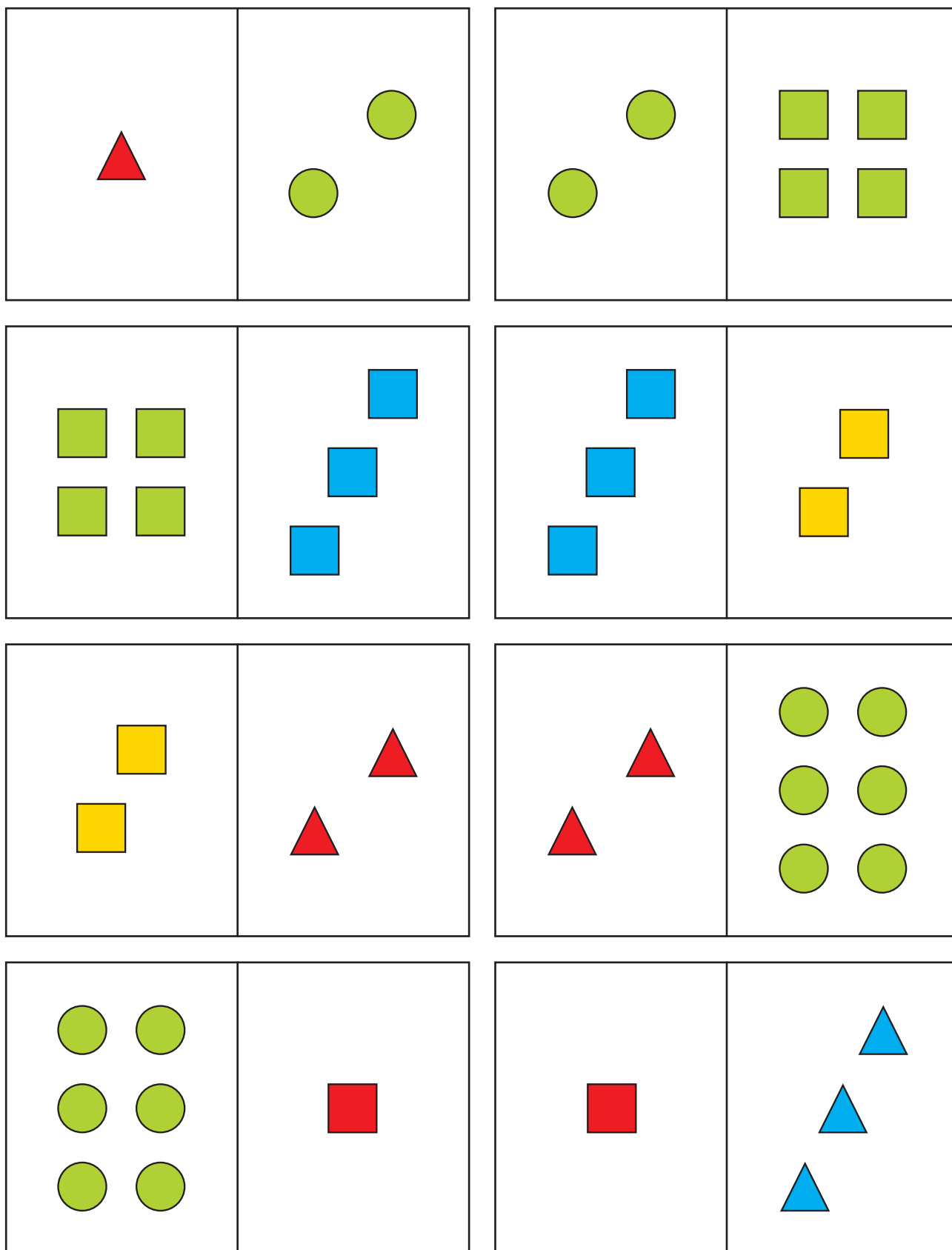


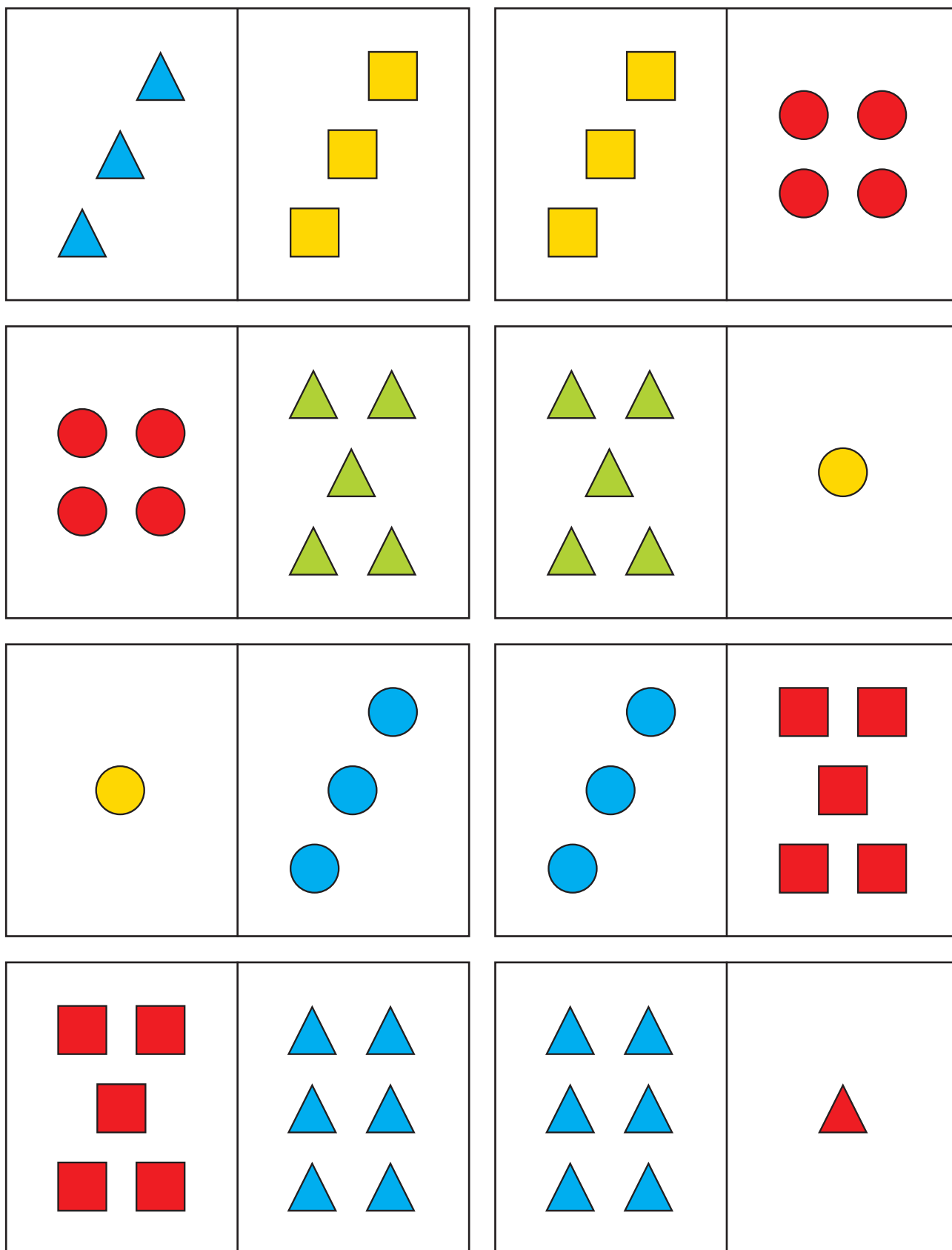
6		1	
7		2	
8		3	
9		4	
10		5	











$15 - 8$	11	$3 + 8$	13
$19 - 6$	14	$8 + 6$	7
$12 - 5$	8	$3 + 5$	15
$19 - 4$	12	$5 + 7$	6

$14 - 8$	16
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$9 + 7$	9
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$4 + 5$	10
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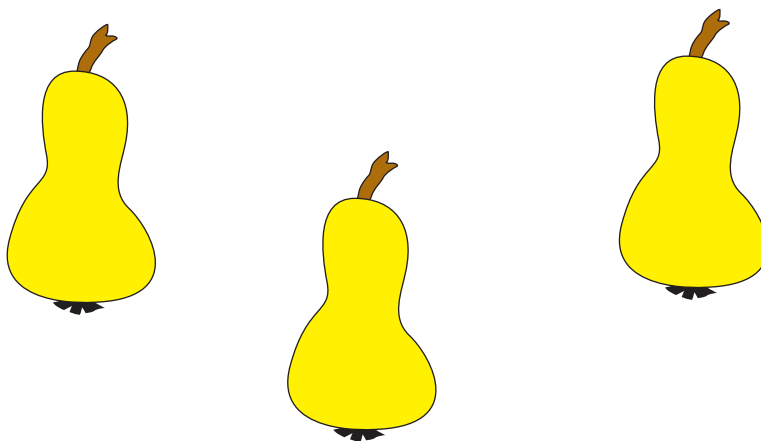
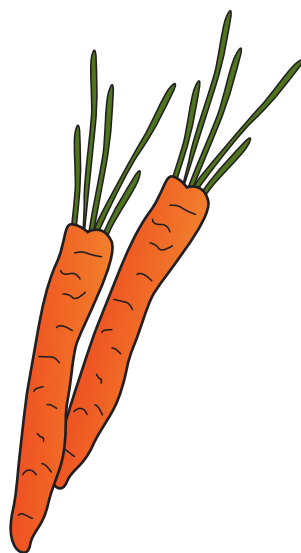
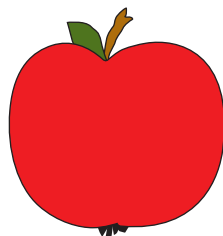
$17 - 7$	5
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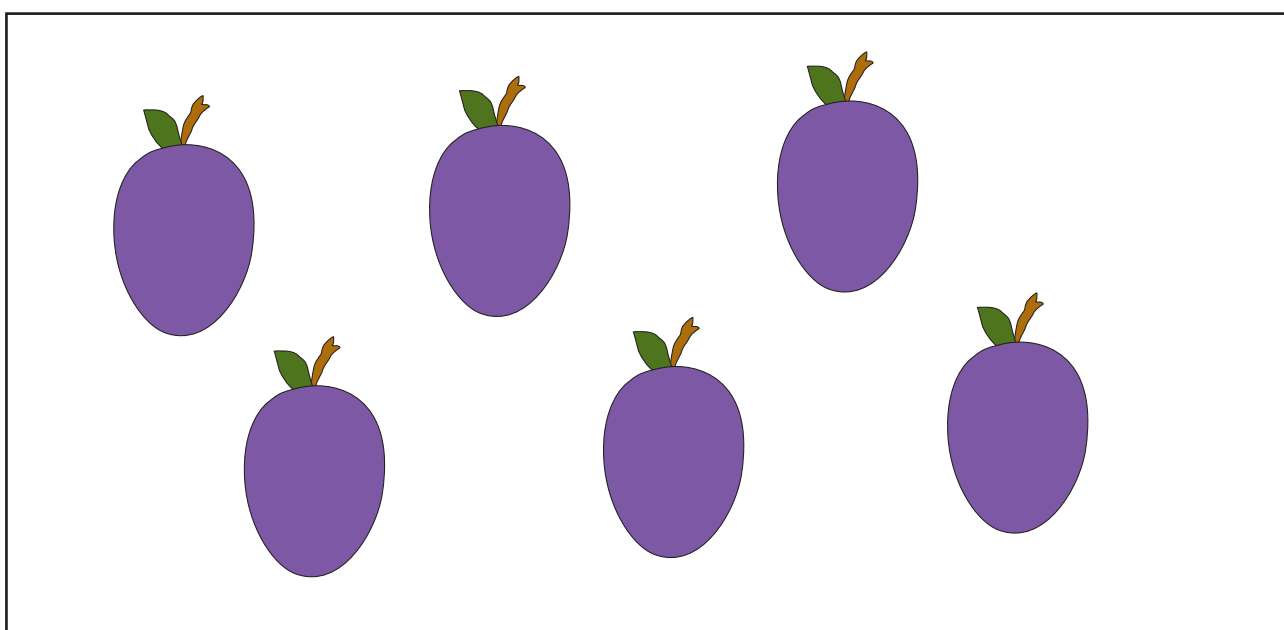
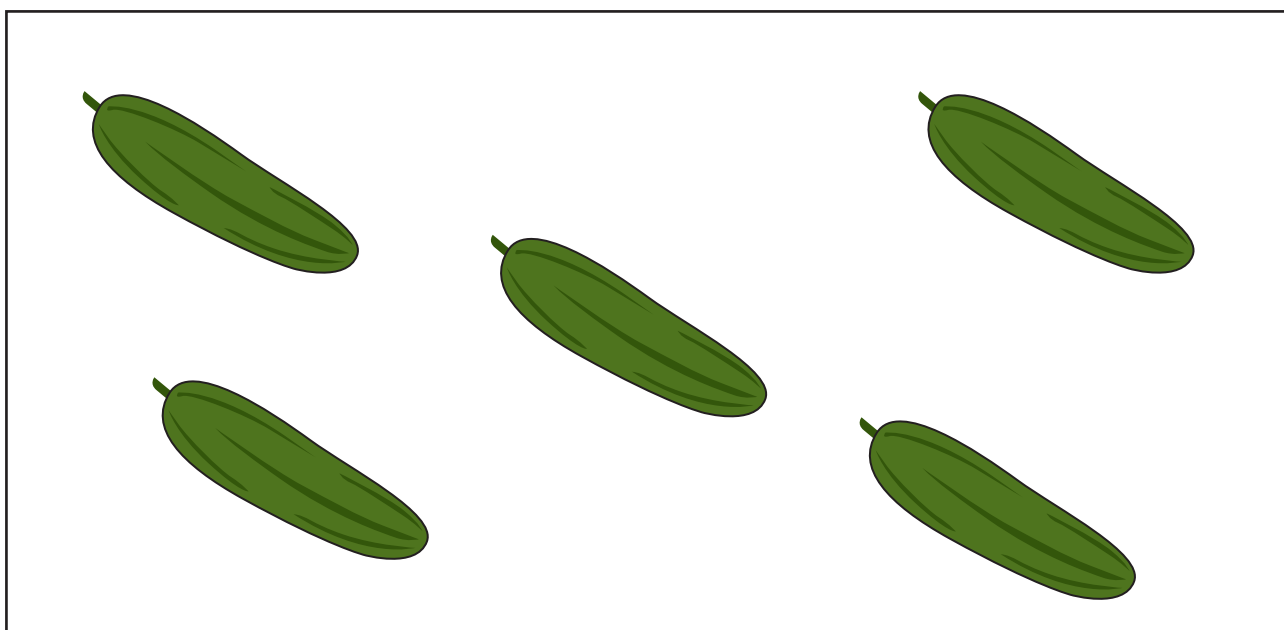
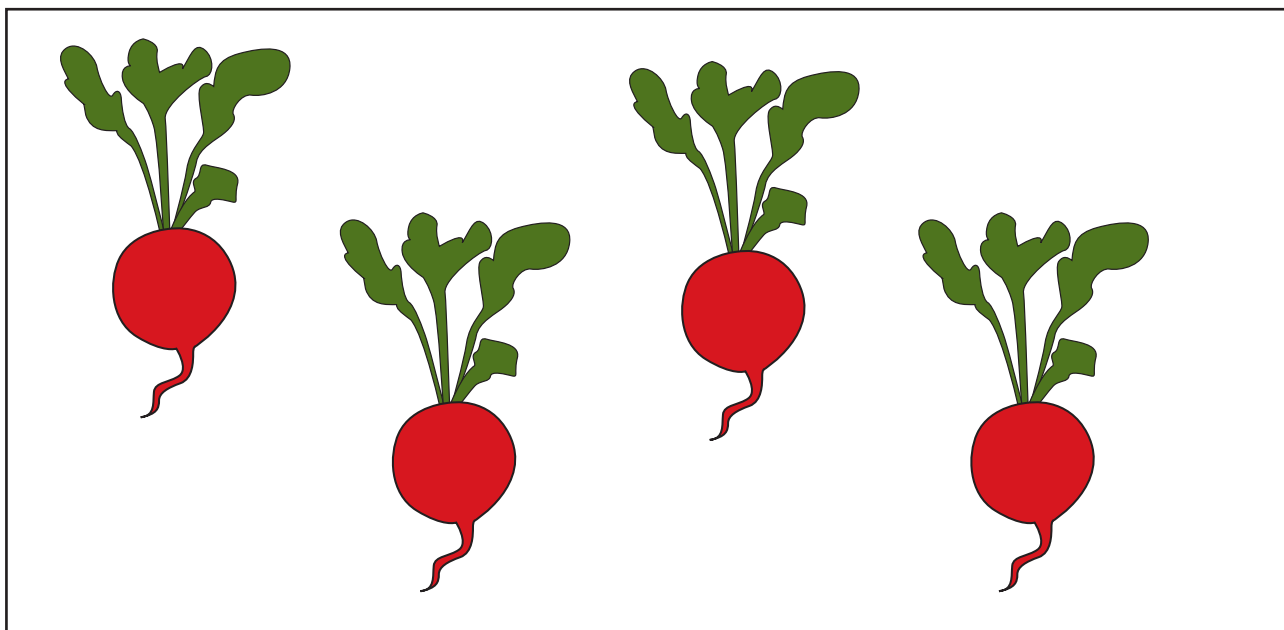
$1 + 4$	20
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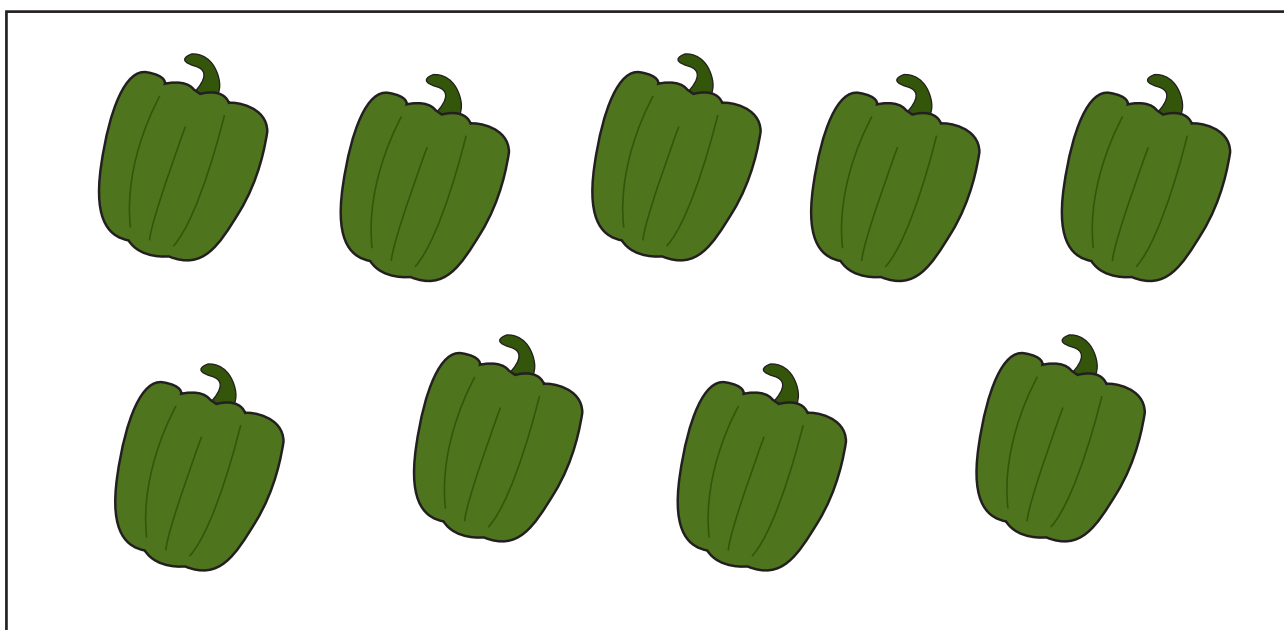
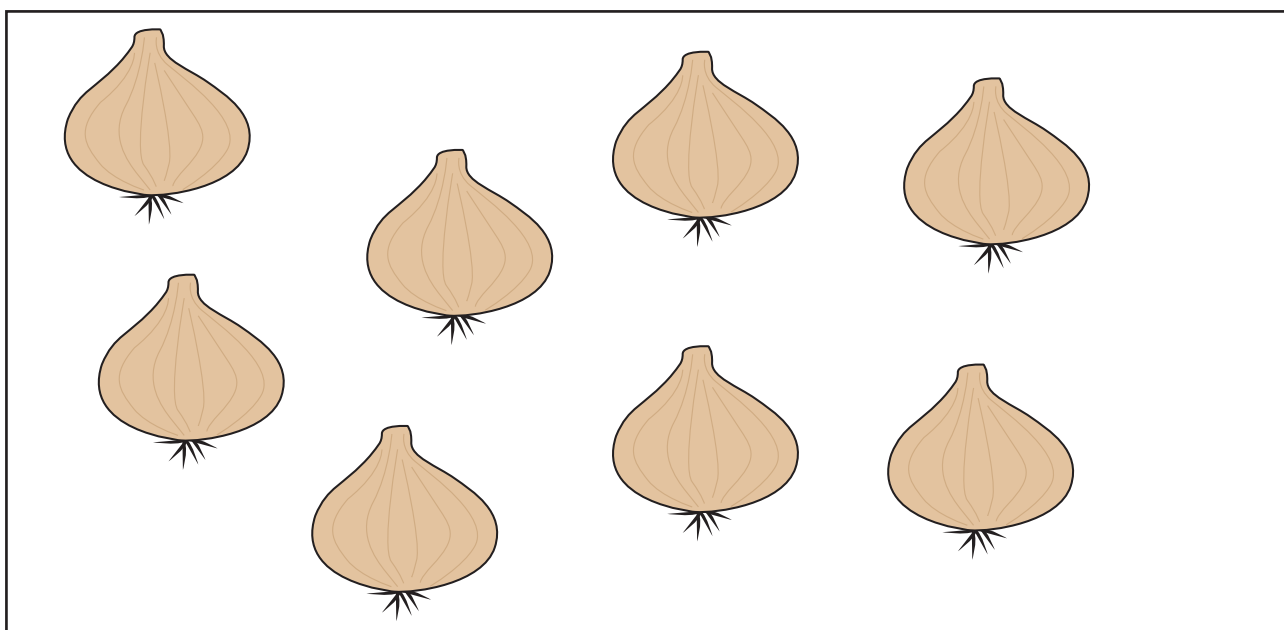
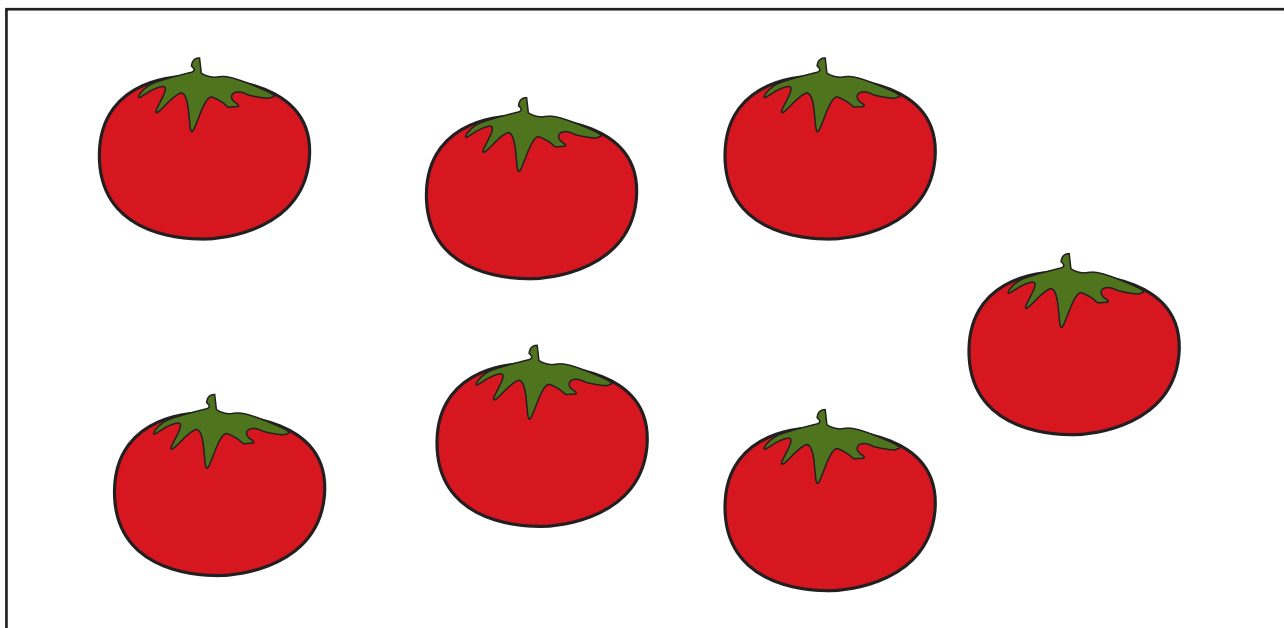
$13 + 7$	17
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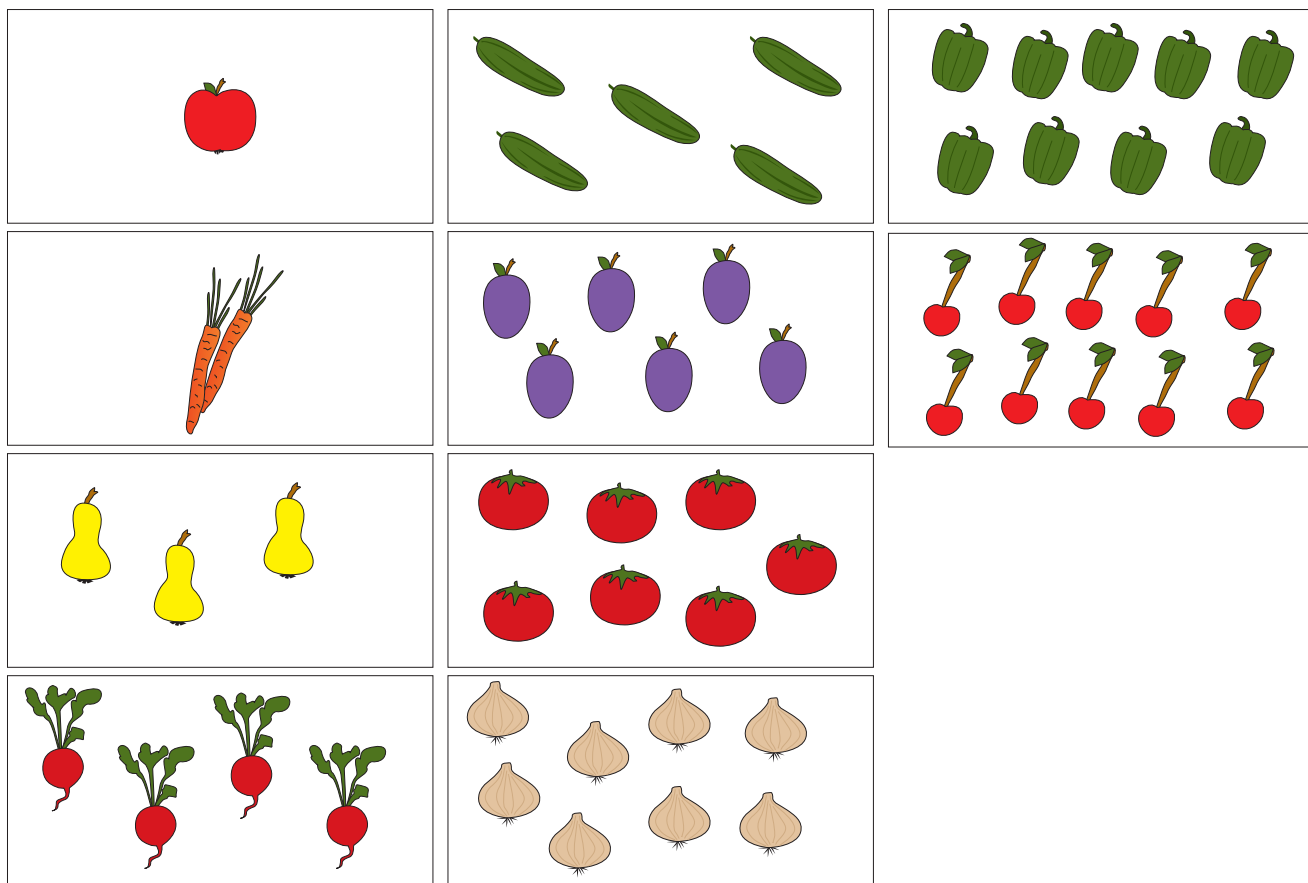
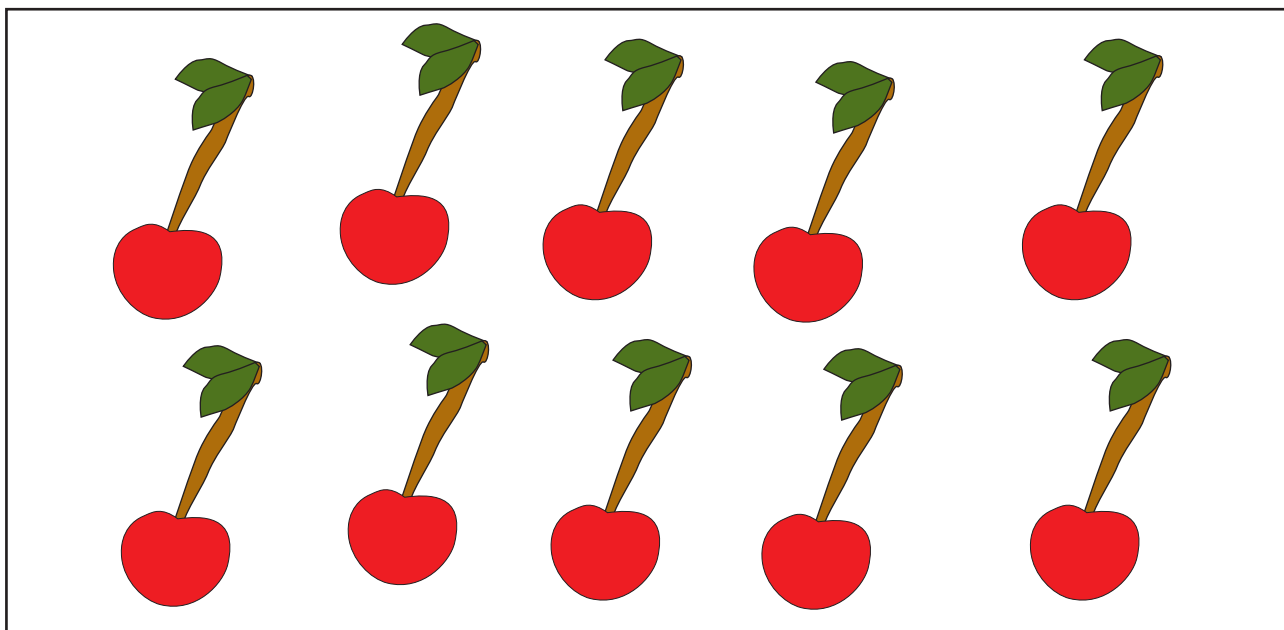
$19 - 2$	4
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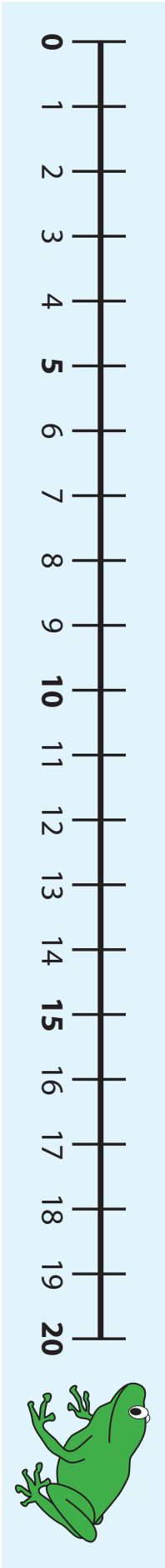
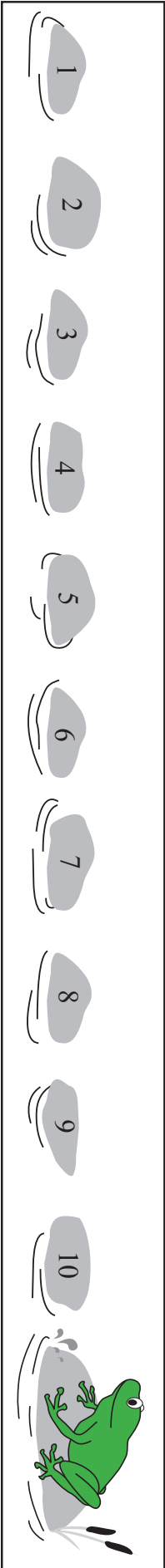
$12 - 8$	7
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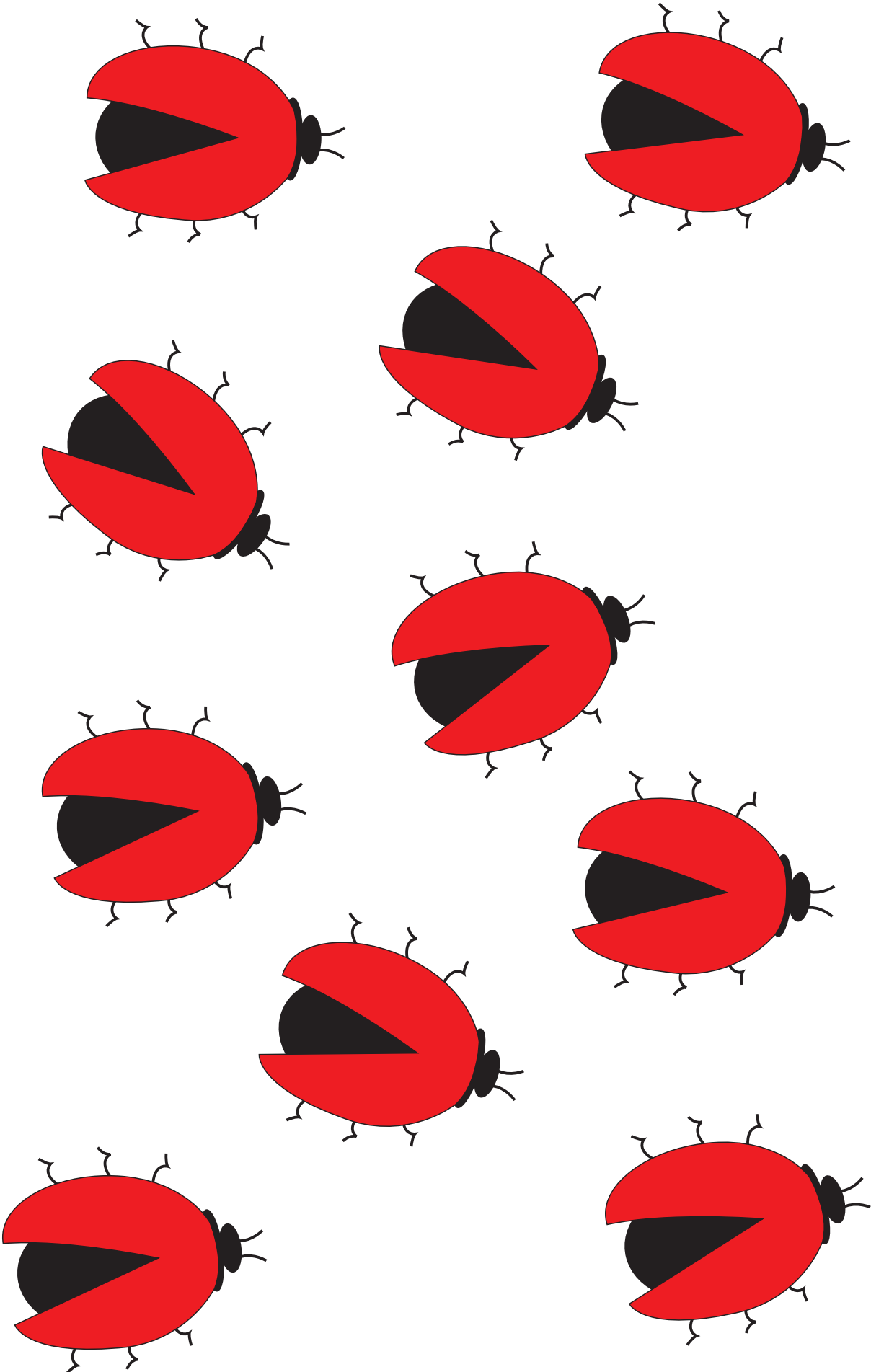


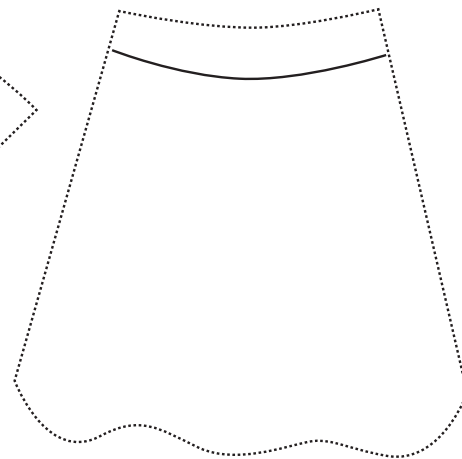
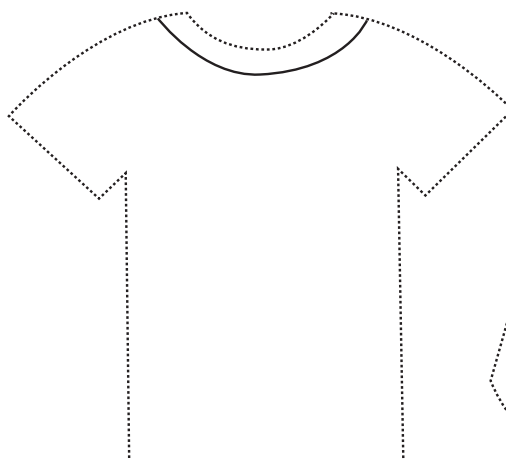
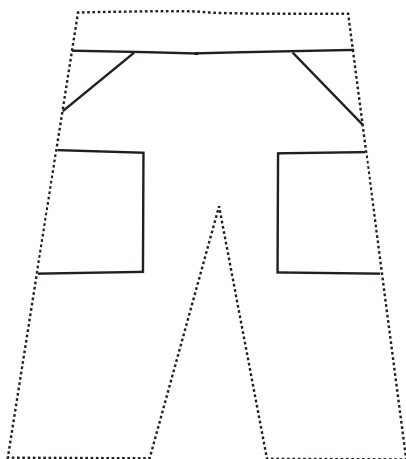
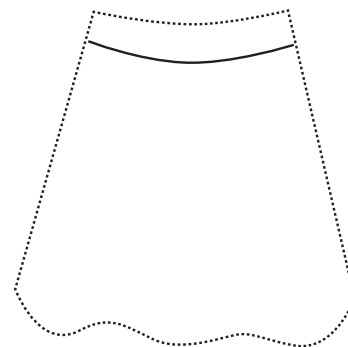
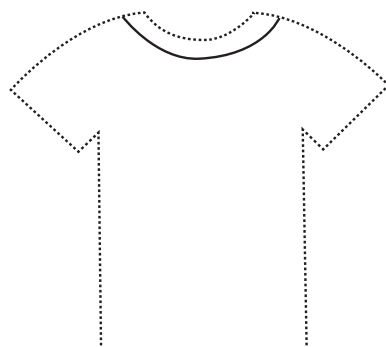
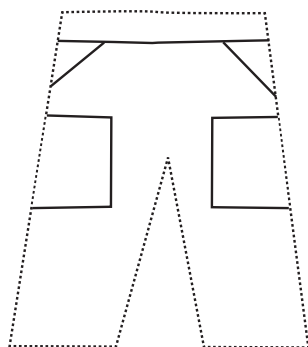
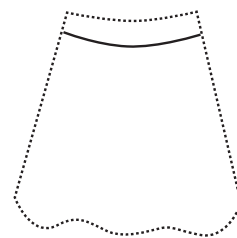
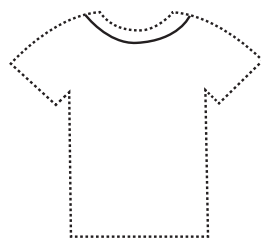
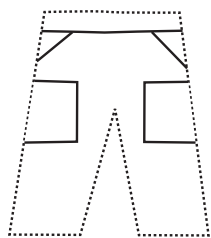
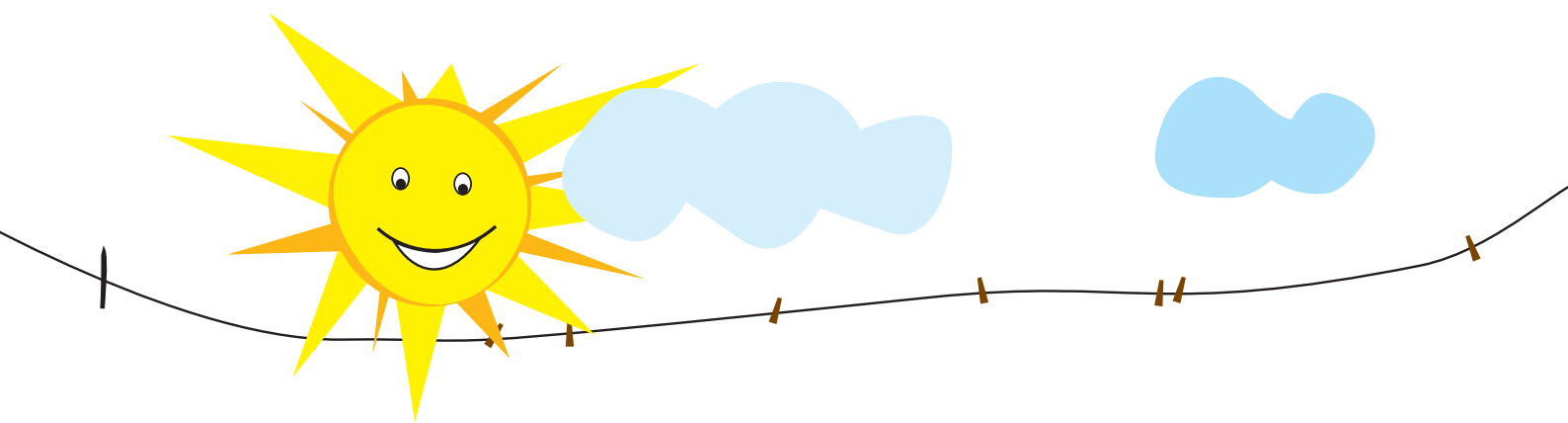


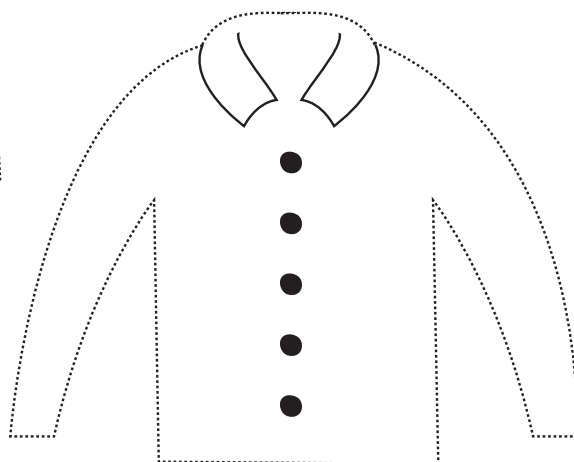
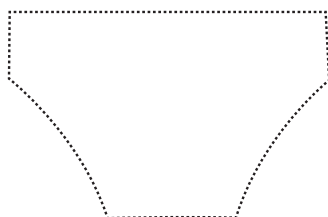
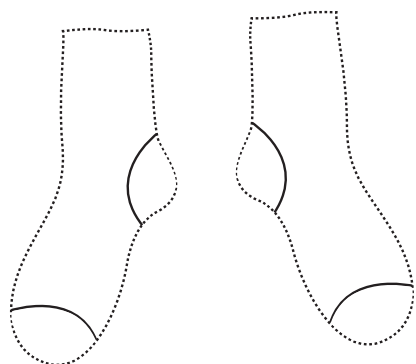
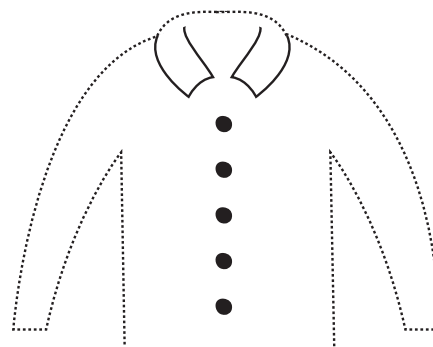
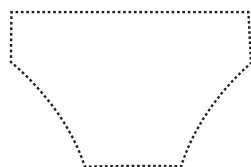
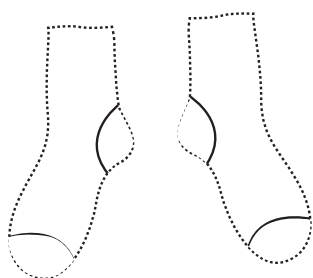
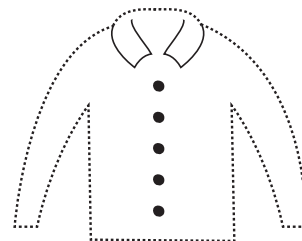
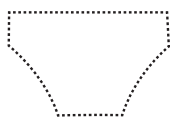
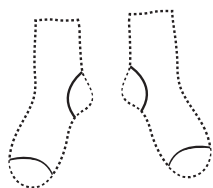
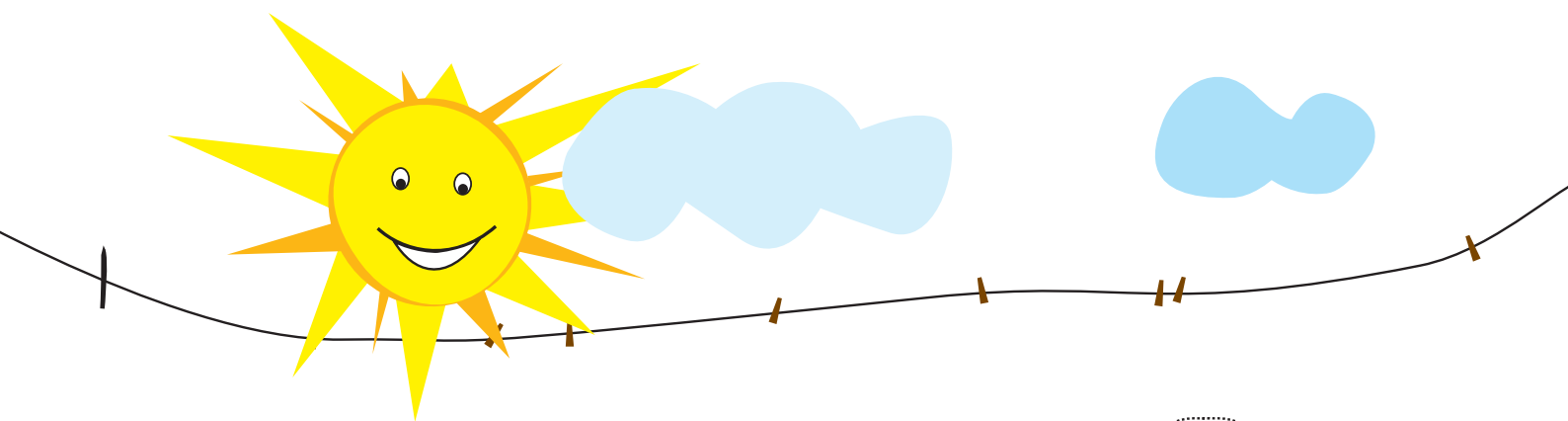




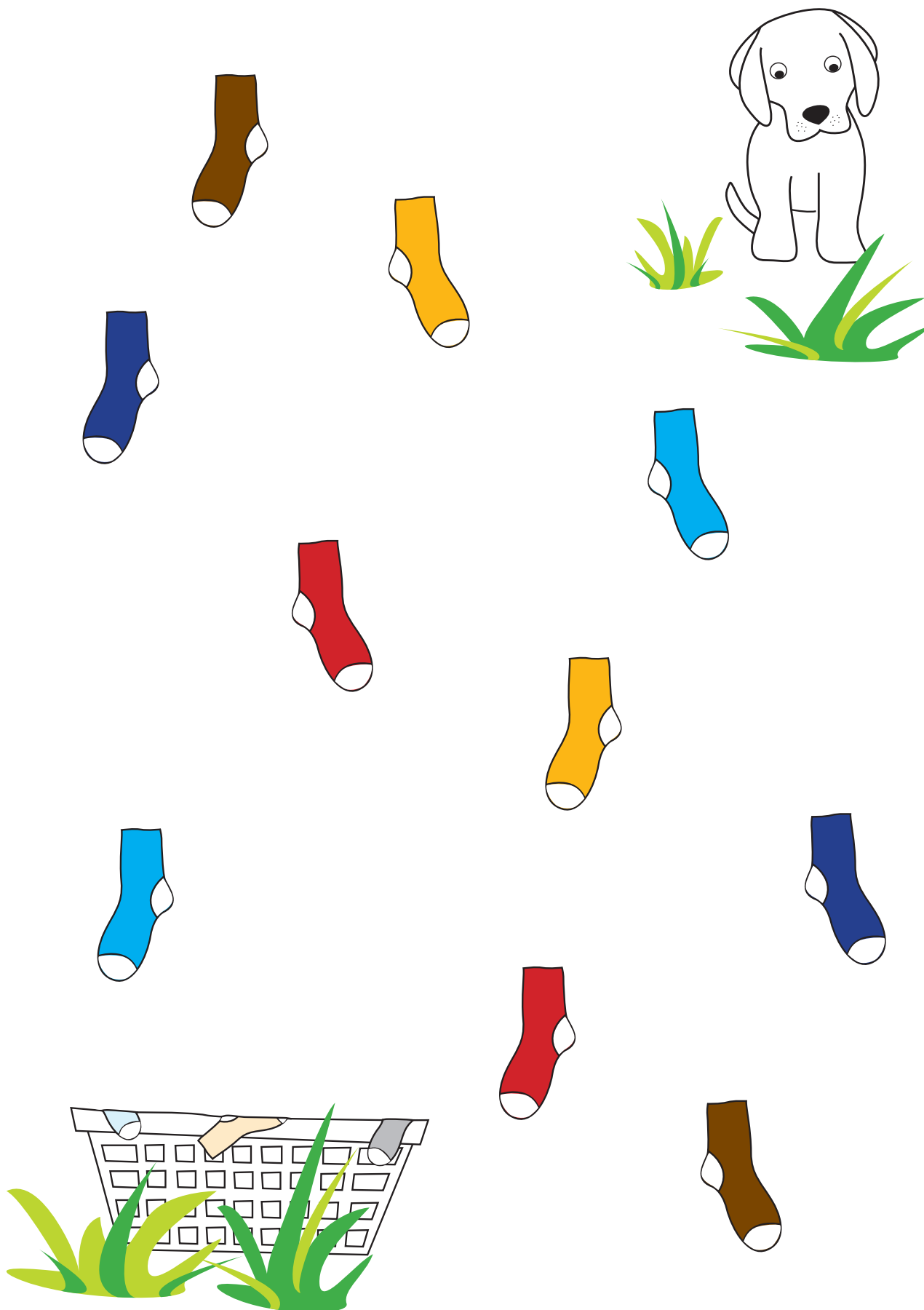
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31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
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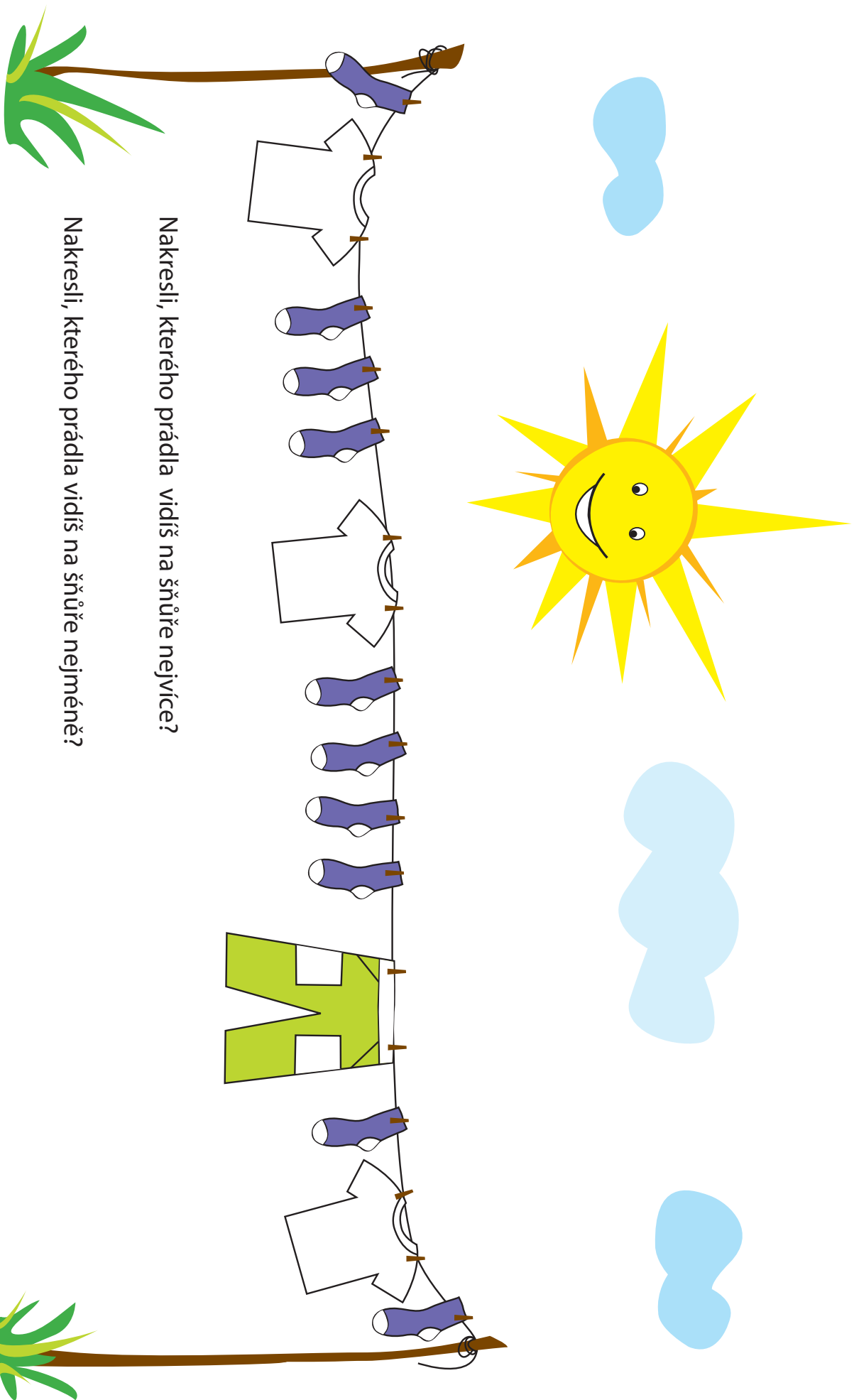






Rošťák Ben rozházel po zahradě všechny ponožky, které byly v koši.
Najdi ponožky, které k sobě patří a spoj je.

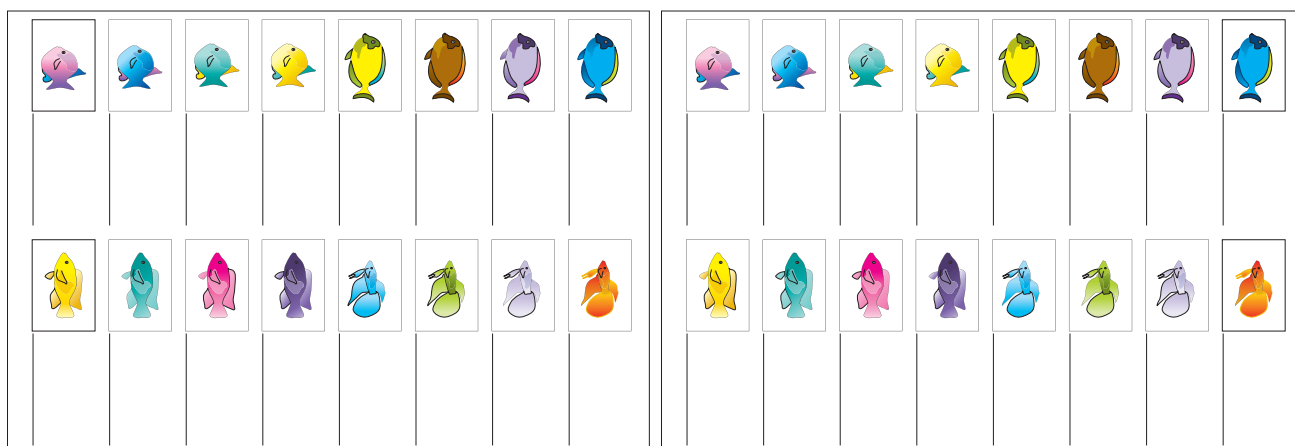




Nakresli, kterého prádla vidíš na šňůře nejvíce?

Nakresli, kterého prádla vidíš na šňůře nejméně?

Můžeš odejít na procházku, když si vezmeš ze šňůry a oblékneš na sebe 2 ponožky, tričko a kalhoty? Anebo ti něco bude chybět? Dopiš nebo dokresli, co to je.



$20 - 9$

$18 - 7$

$16 - 5$

$19 - 6$

$8 + 7$

$6 + 9$

$4 + 7$

$3 + 8$

$9 - 6$

$12 - 7$

$15 - 8$

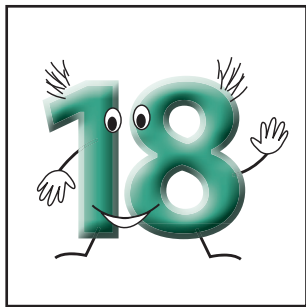
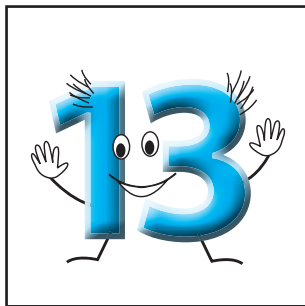
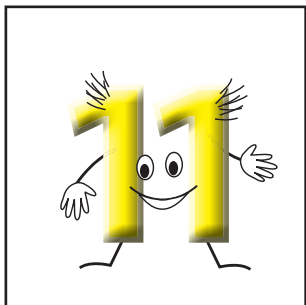
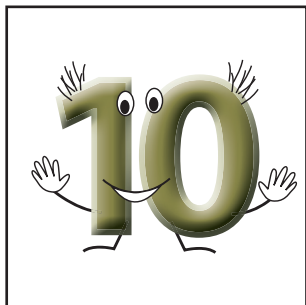
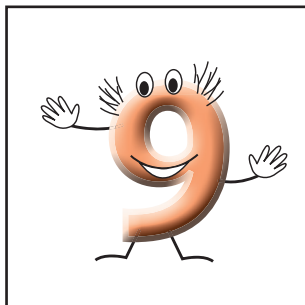
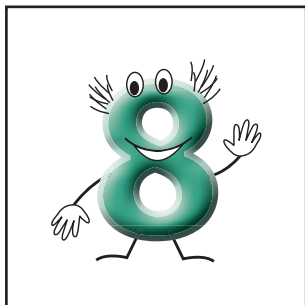
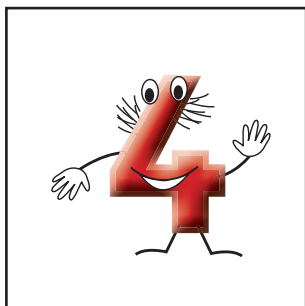
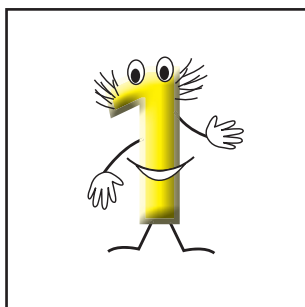
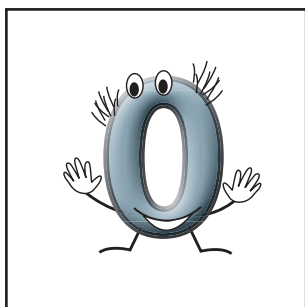
$17 - 4$

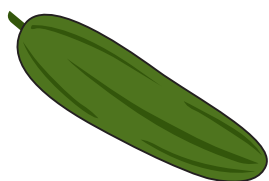
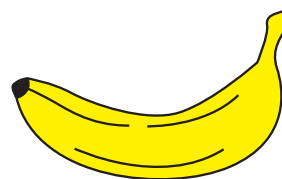
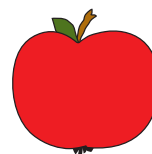
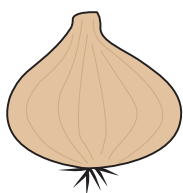
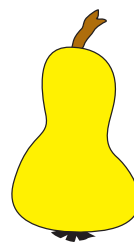
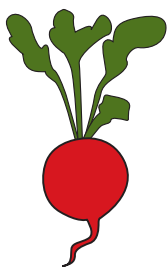
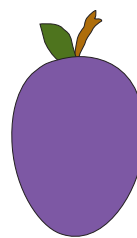
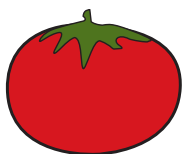
$6 + 3$

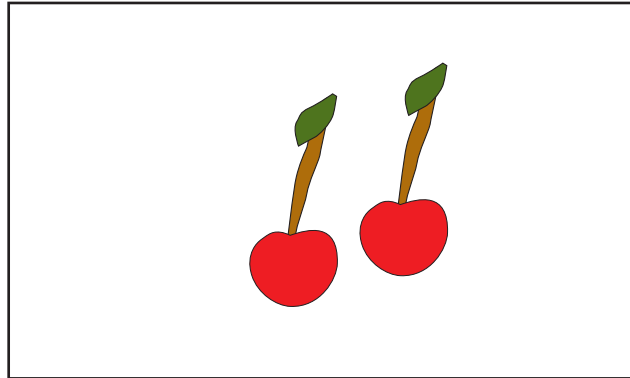
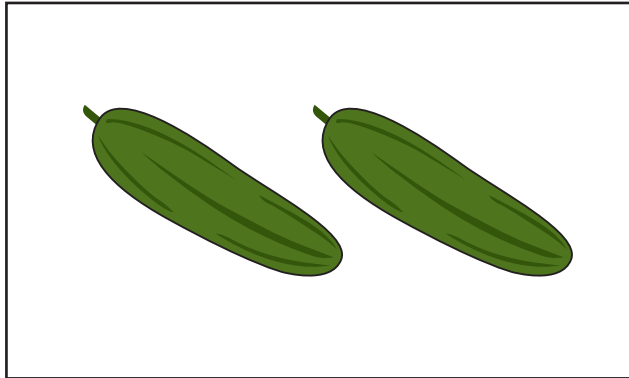
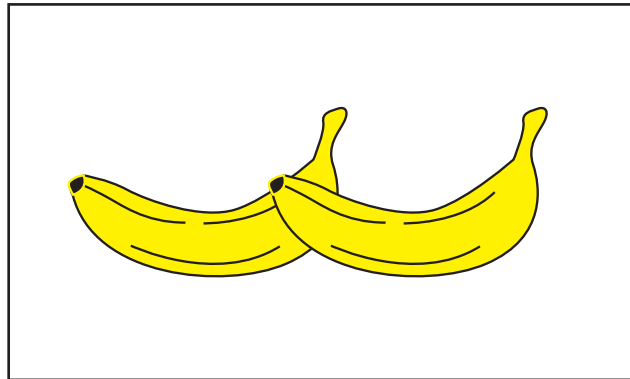
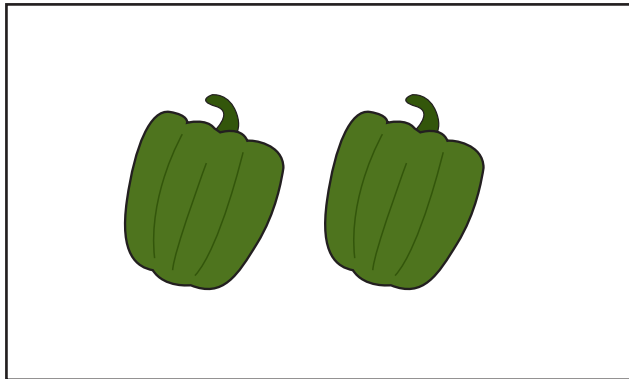
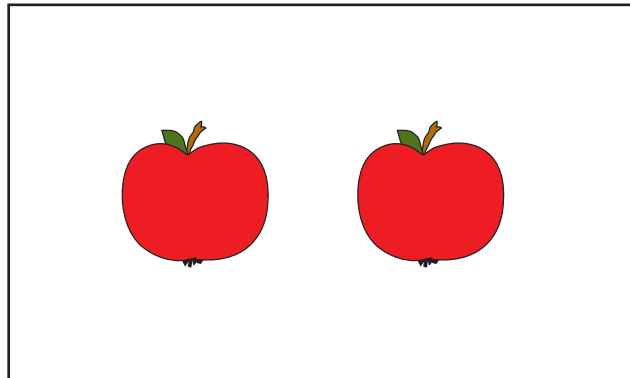
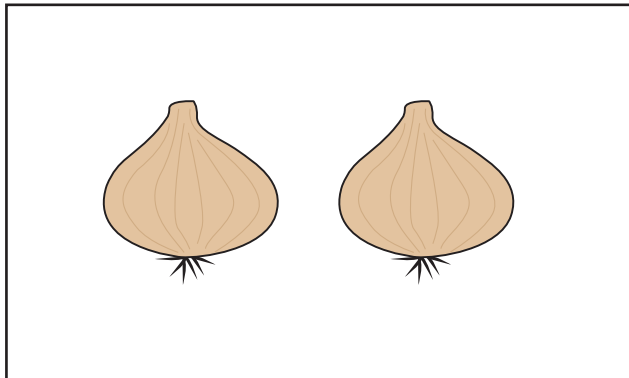
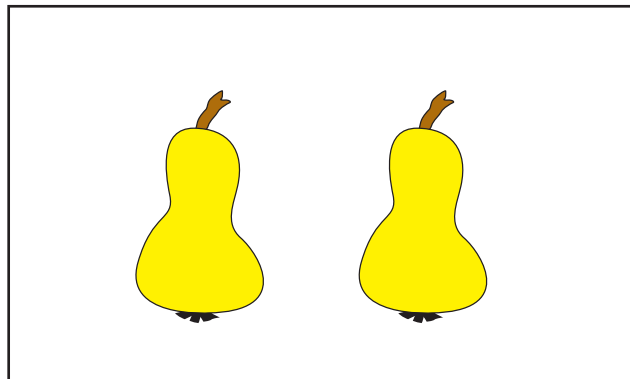
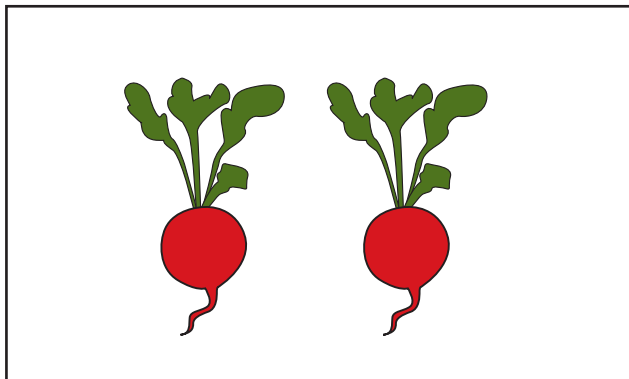
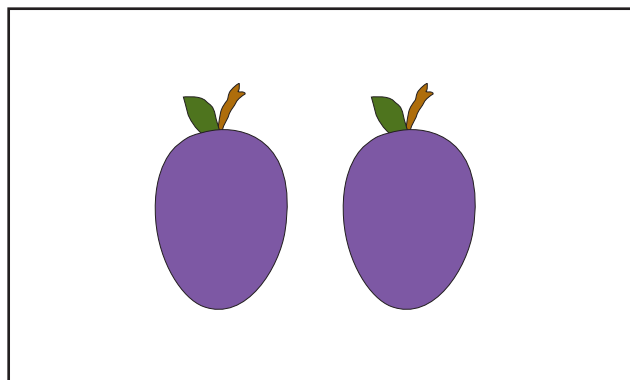
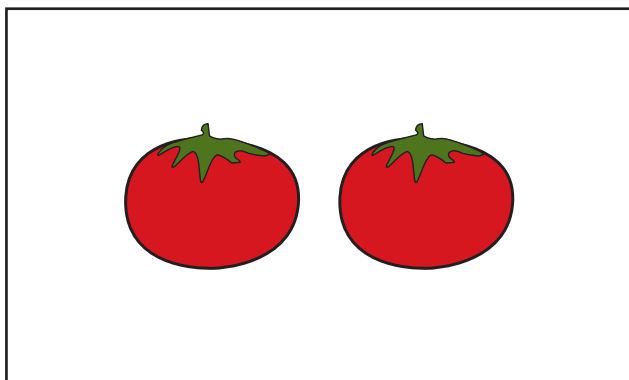
$9 + 7$

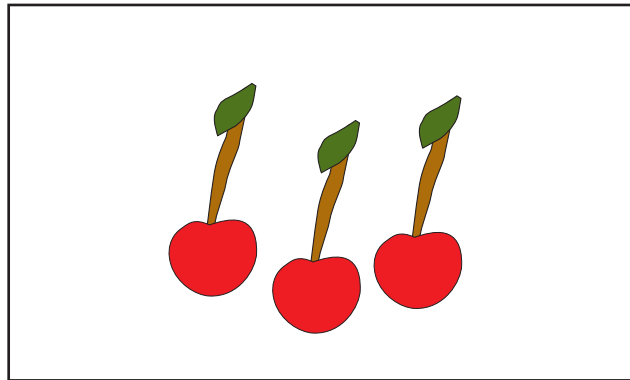
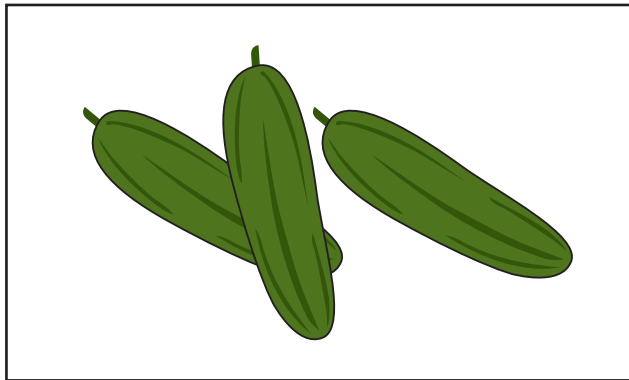
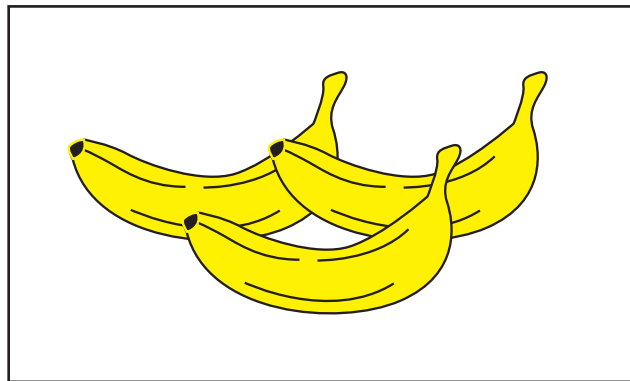
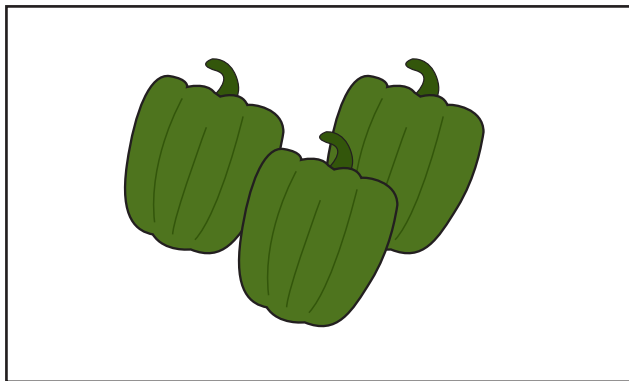
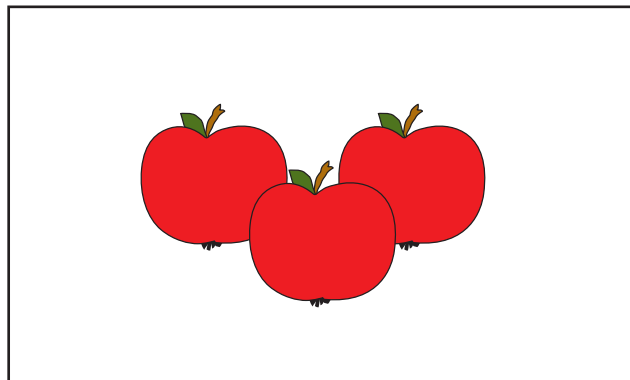
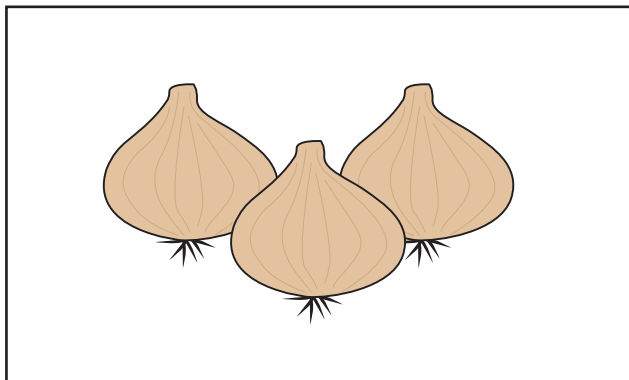
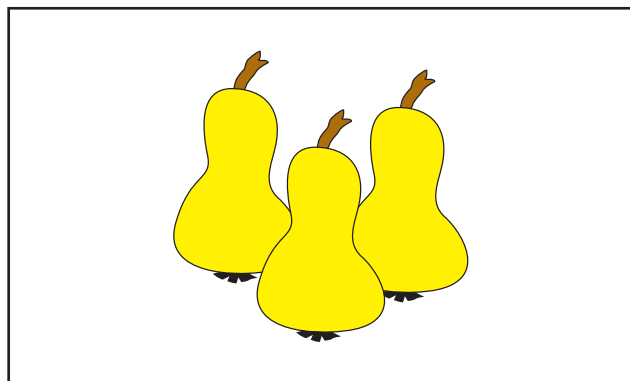
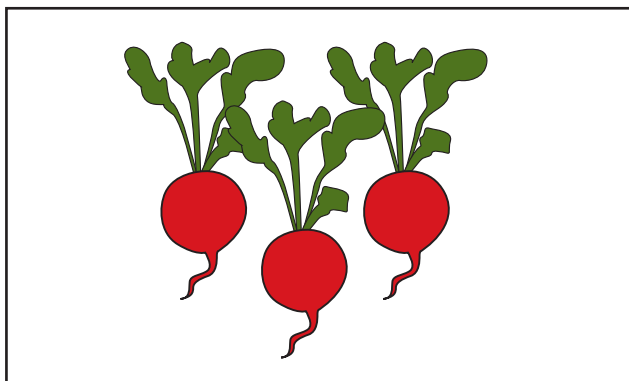
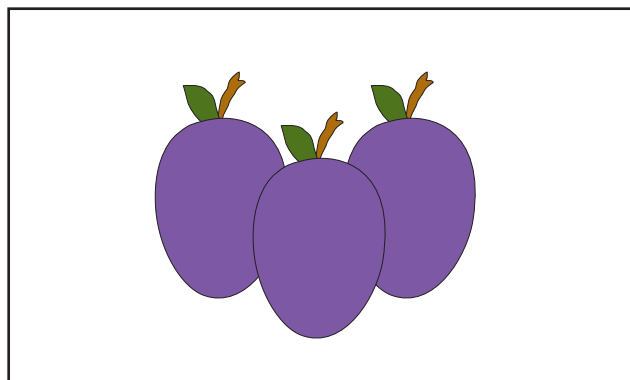
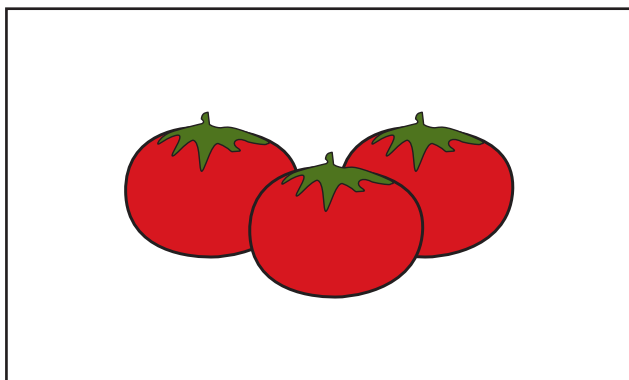
$5 + 8$

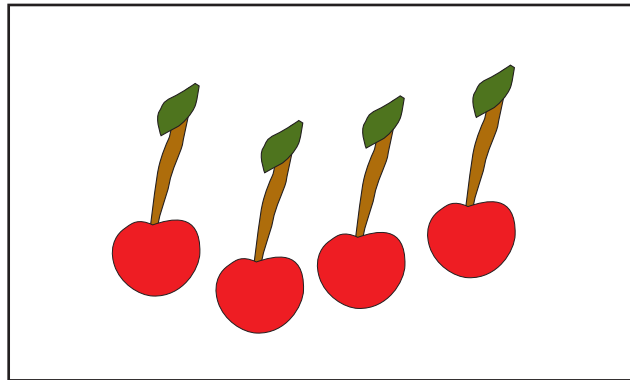
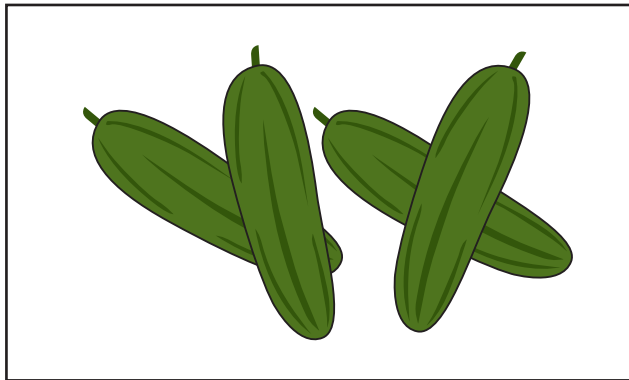
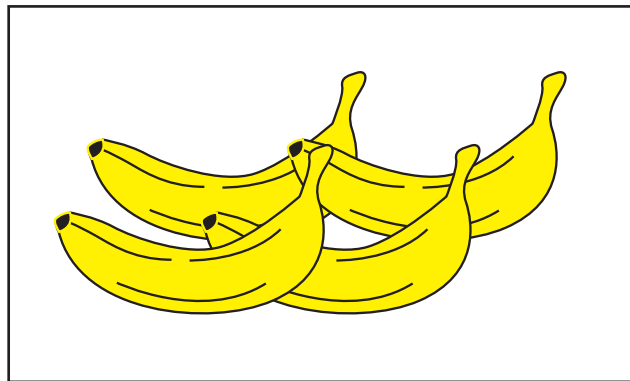
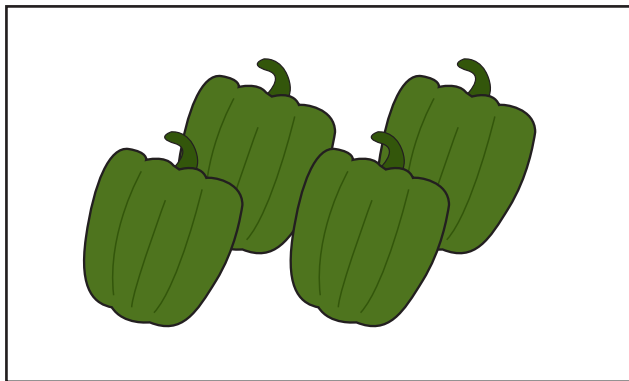
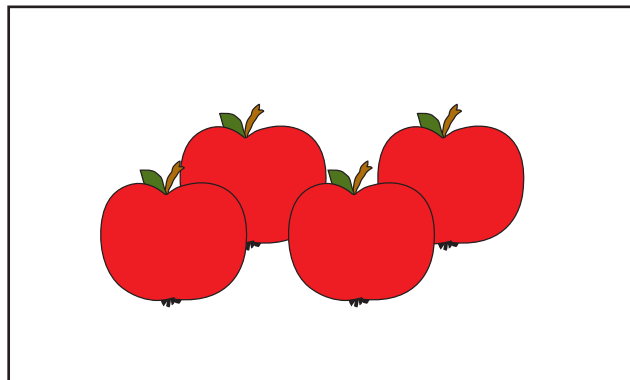
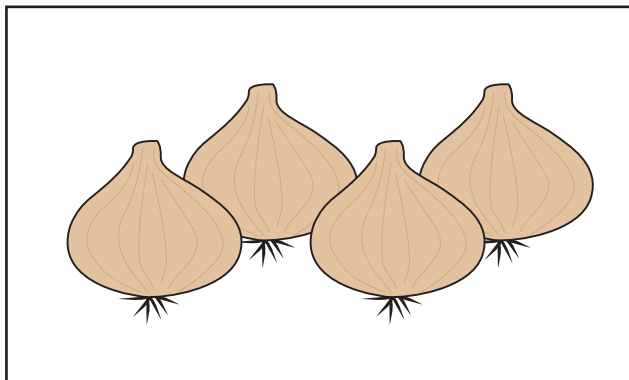
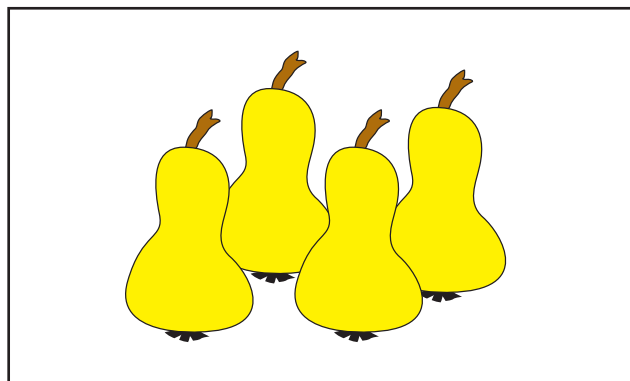
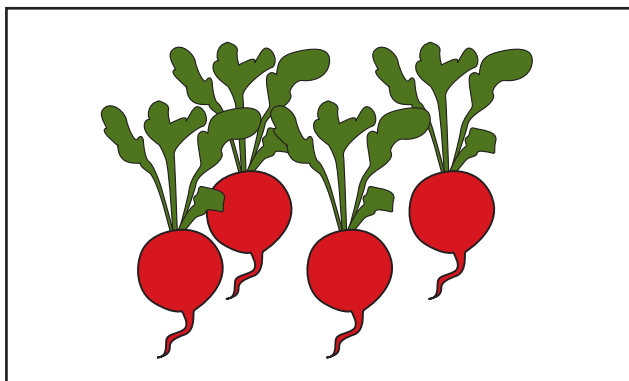
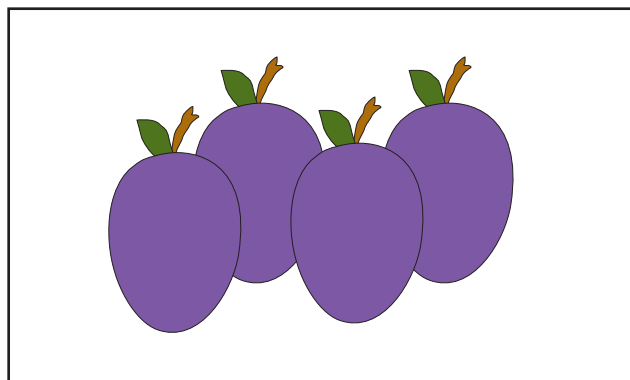
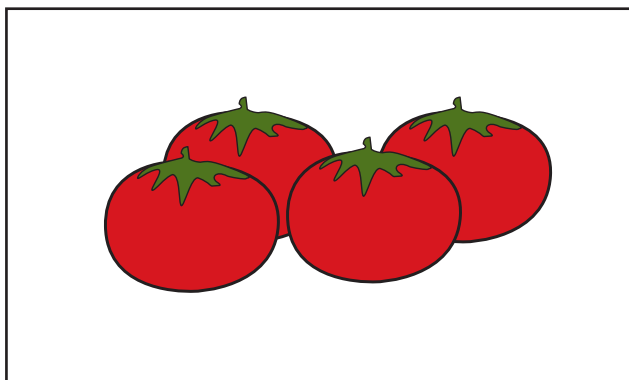
$4 + 9$

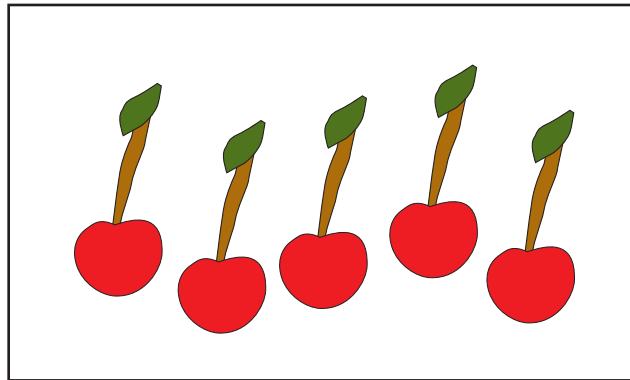
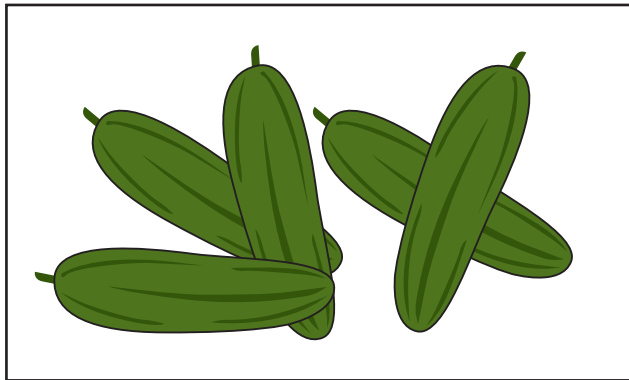
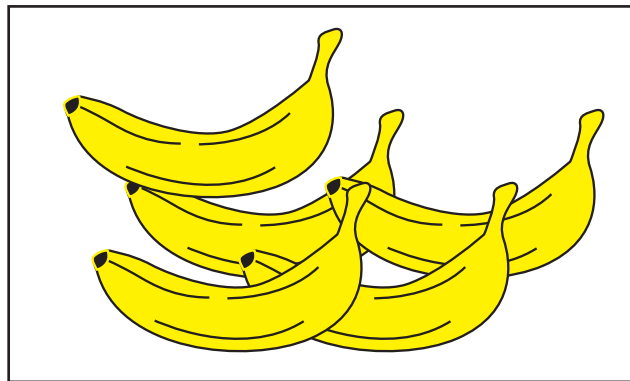
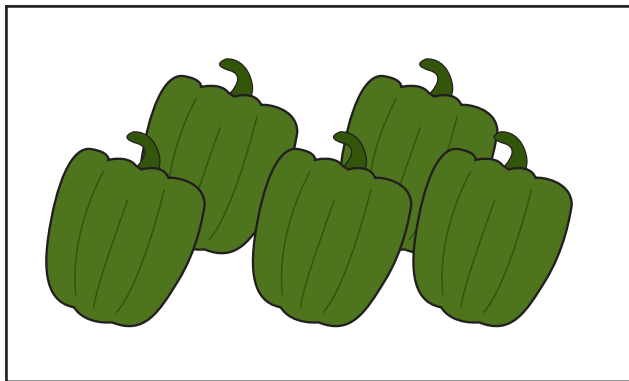
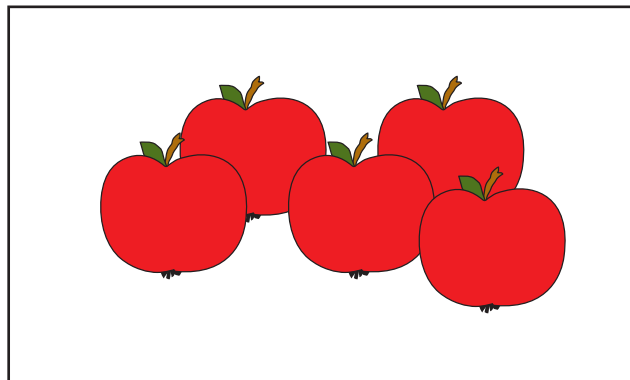
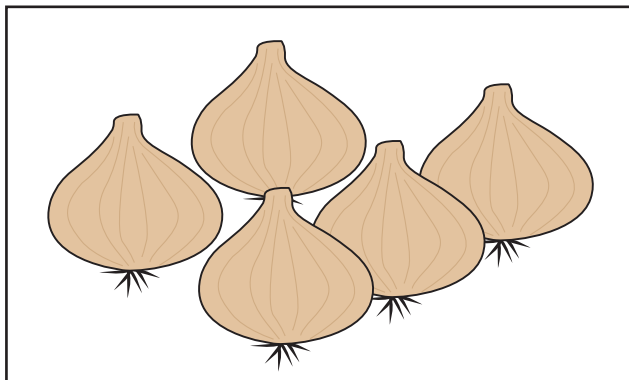
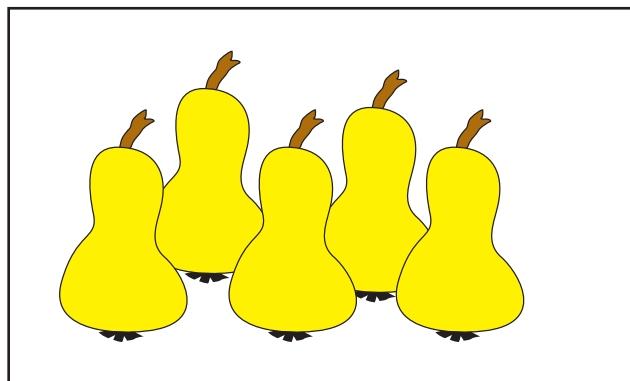
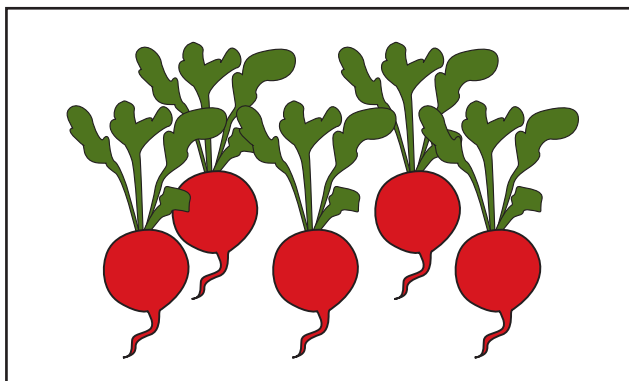
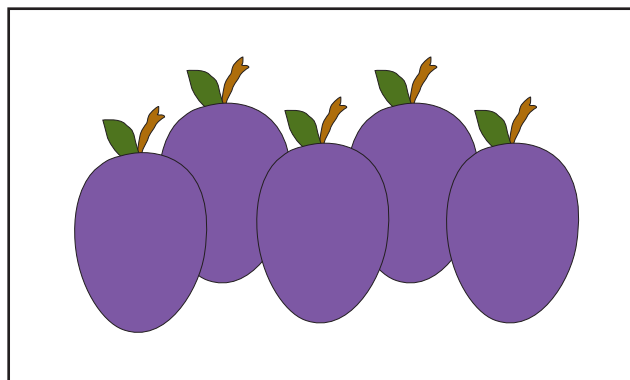
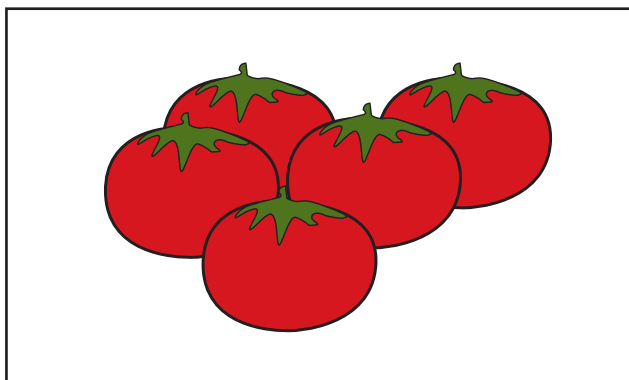


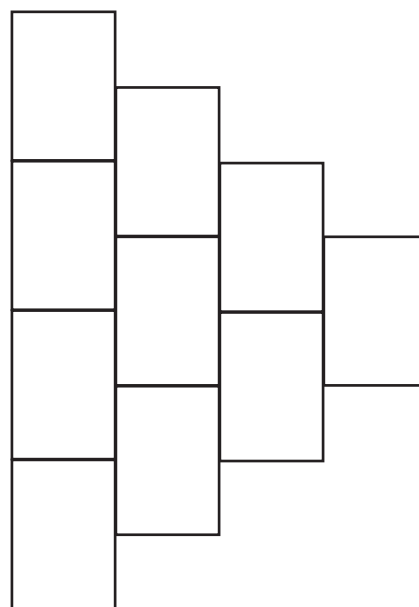
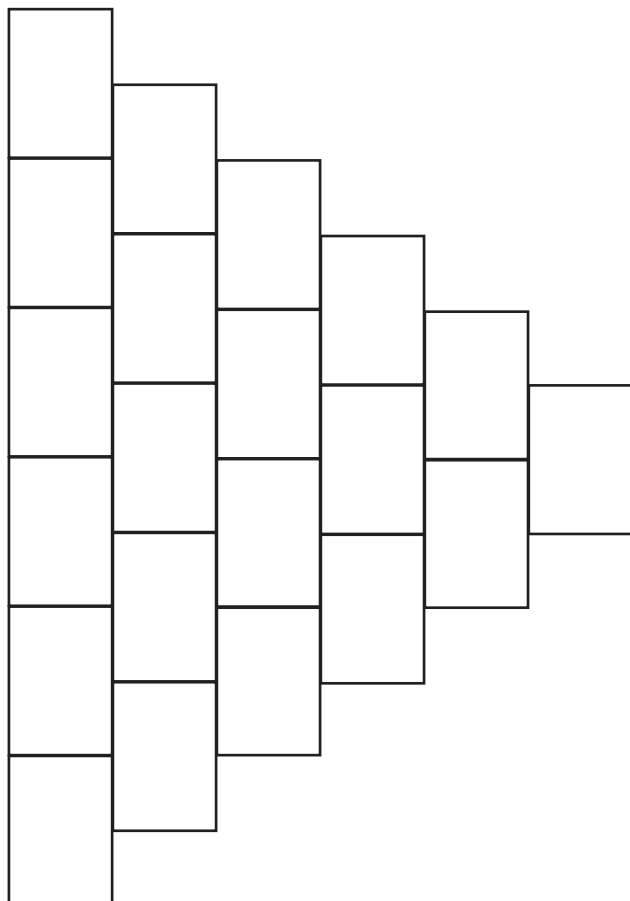
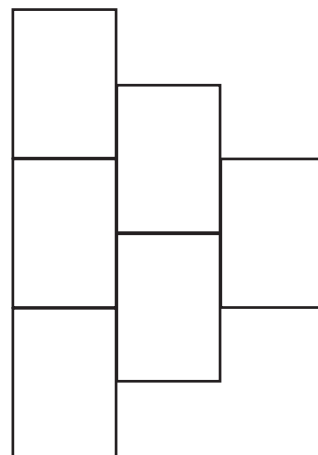
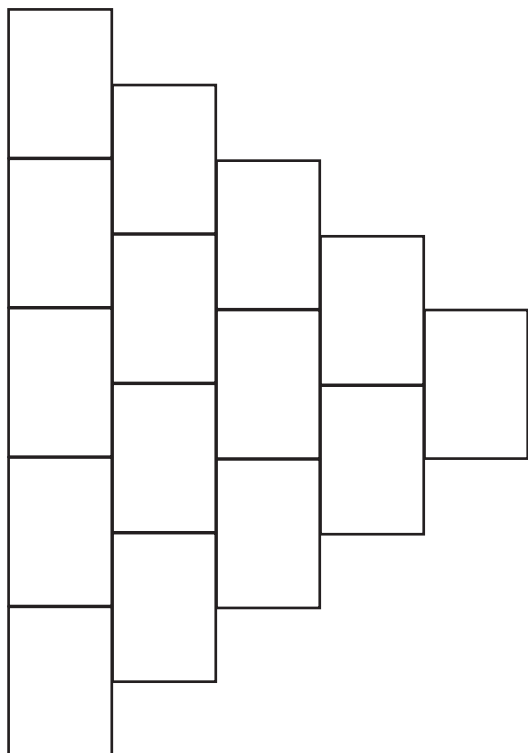












	a	b	c	d	e	f	g
1	A	Q	Ď	Š	Y	Z	C
2	V	G	S	R	Č	Í	W
3	P	Ó	Á	H	Ř	D	K
4	É	I	T	N	Ú	L	E
5	X	B	CH	U	Ť	Ý	Ž
6	J	O	Ň	Ě	M	F	Ů

Jméno _____

	HRA 1	HRA 2	HRA 3
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
SOUČET			

	Jméno	Jméno
1.		
2.		
3.		
4.		
5.		
SOUČET		

NÁSOBKY 2

2	10	18	4
11	14	6	12
3	20	8	16

Vypiš čísla, která chybí. _____

NÁSOBKY 3

3	27	12	7
21	9	30	18
15	20	24	19

Vypiš čísla, která chybí. _____

NÁSOBKY 4

40	8	20	12
15	16	25	28
32	1	36	4

Vypiš čísla, která chybí. _____

NÁSOBKY 5

30	15	45	20
50	9	25	35
4	40	5	22

Vypiš čísla, která chybí. _____

NÁSOBKY 2

18	4	5	16
20	13	6	10
19	20	2	12

Vypiš čísla, která chybí. _____

NÁSOBKY 3

9	30	15	17
12	4	3	27
18	21	6	23

Vypiš čísla, která chybí. _____

NÁSOBKY 4

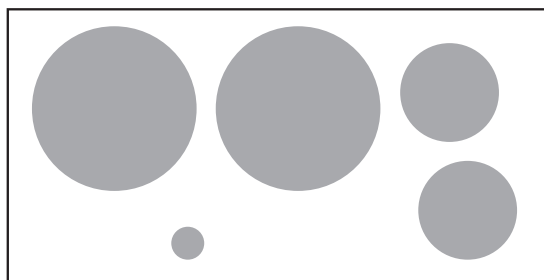
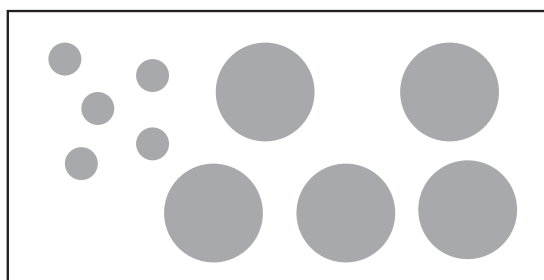
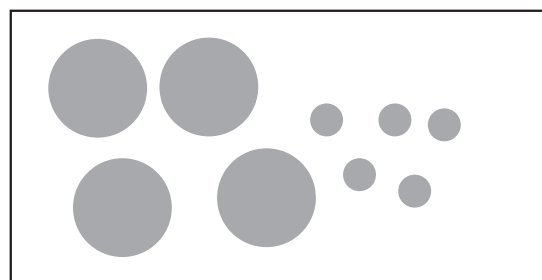
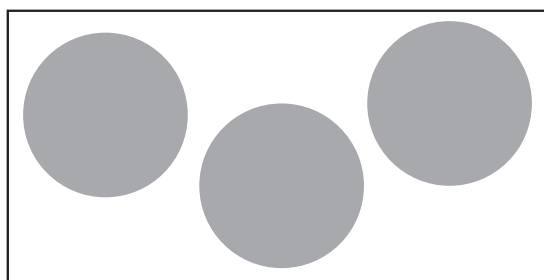
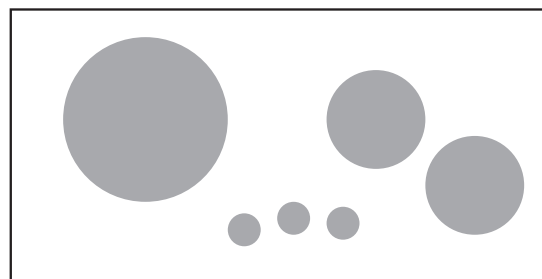
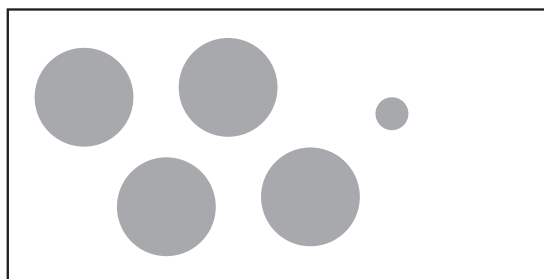
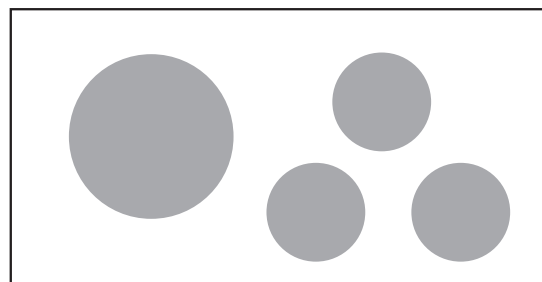
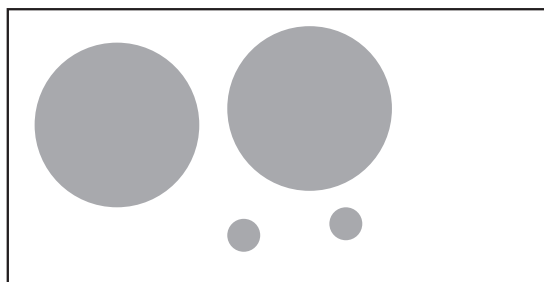
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8	24	9	4
16	32	20	11

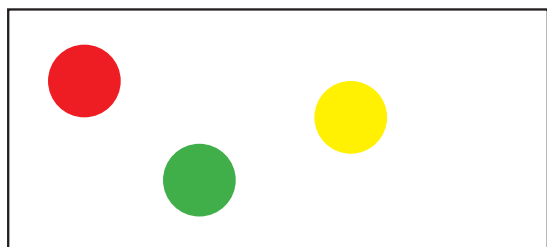
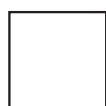
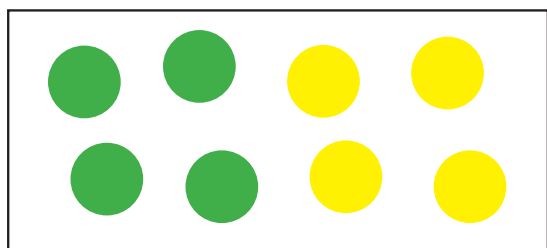
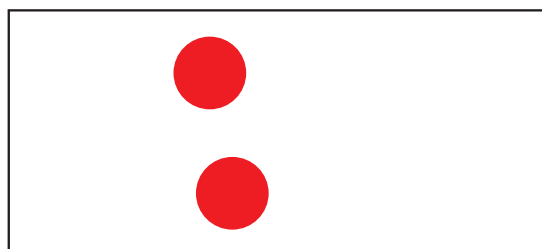
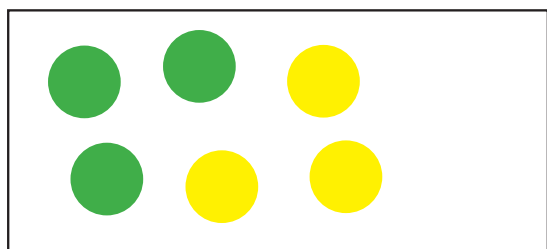
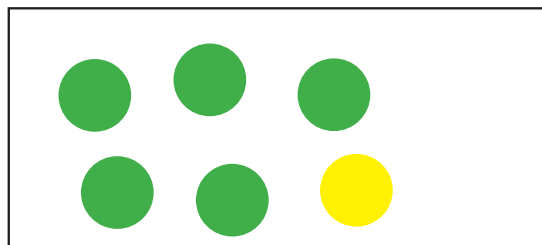
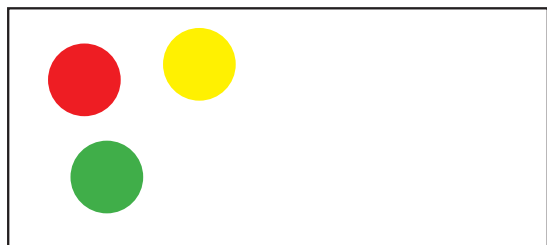
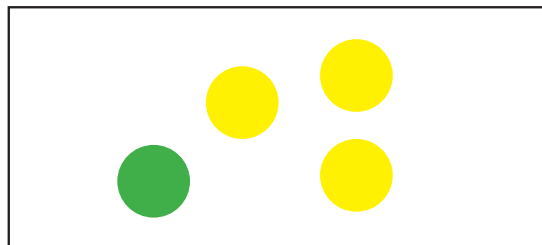
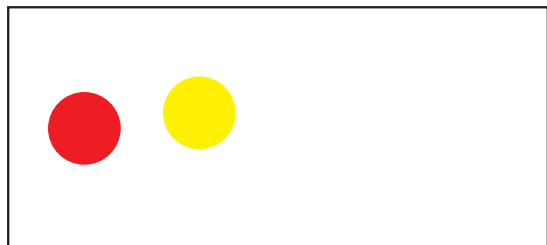
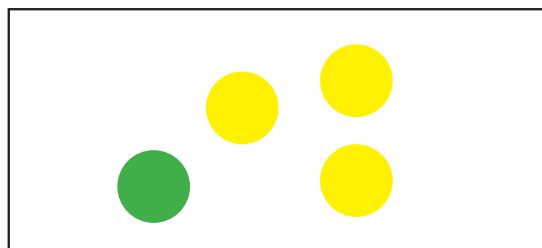
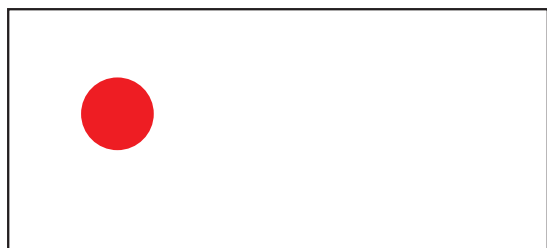
Vypiš čísla, která chybí. _____

NÁSOBKY 5

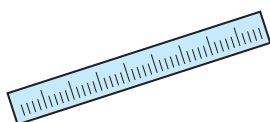
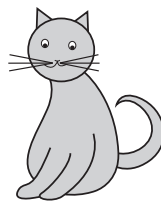
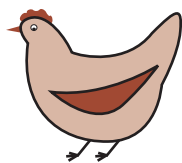
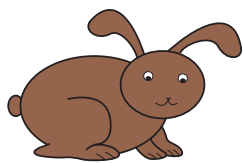
5	20	35	3
25	30	15	45
10	7	12	40

Vypiš čísla, která chybí. _____





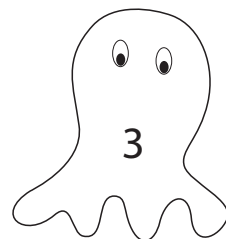
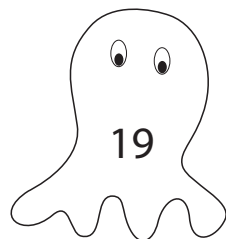
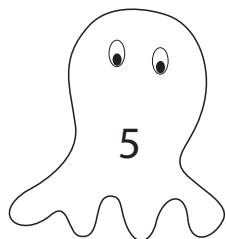
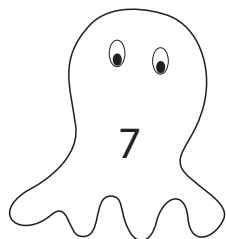
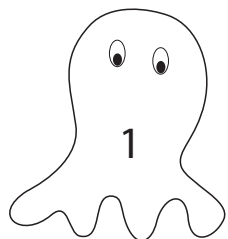
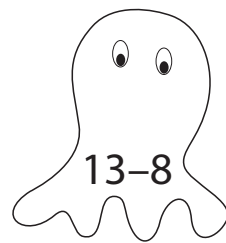
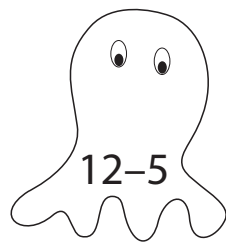
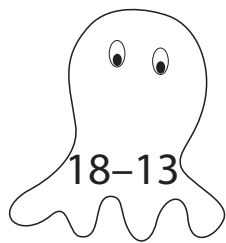
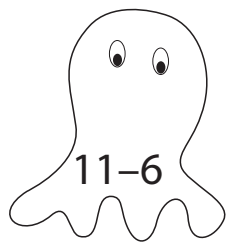
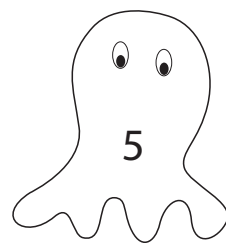
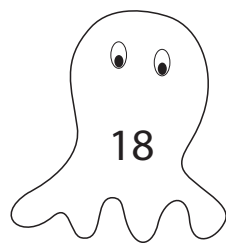
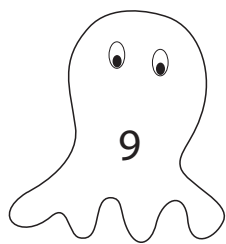
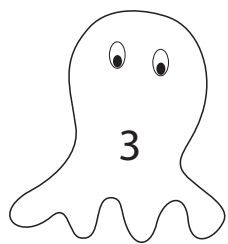
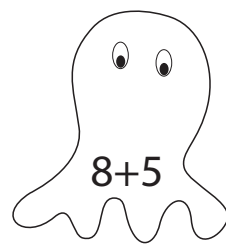
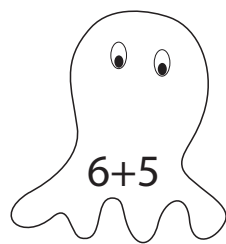
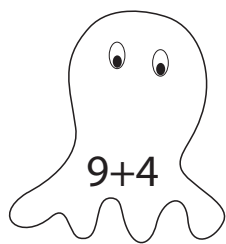
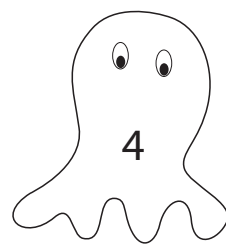
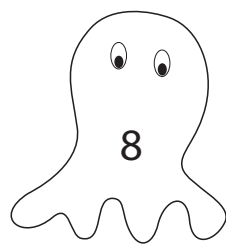
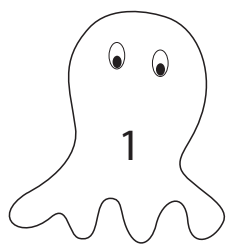
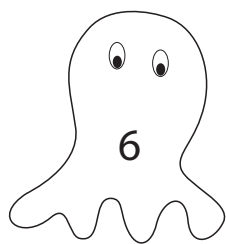
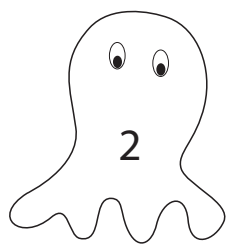


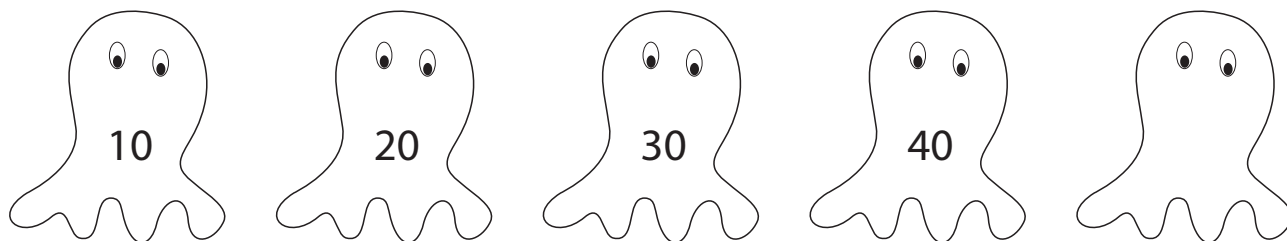
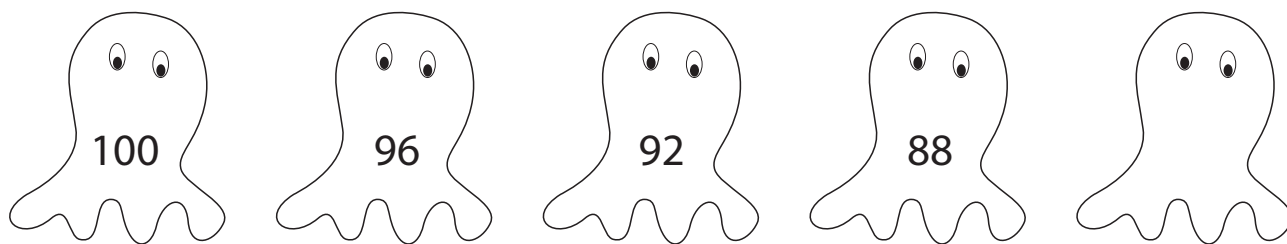
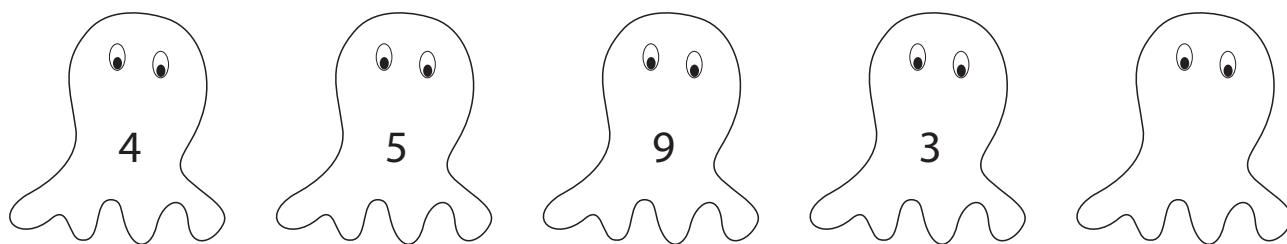
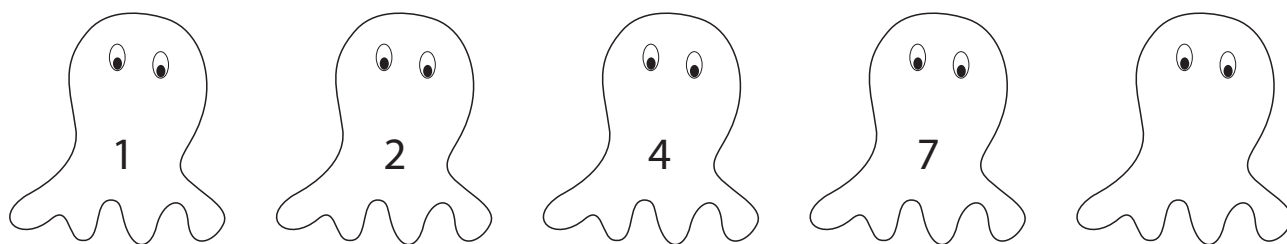
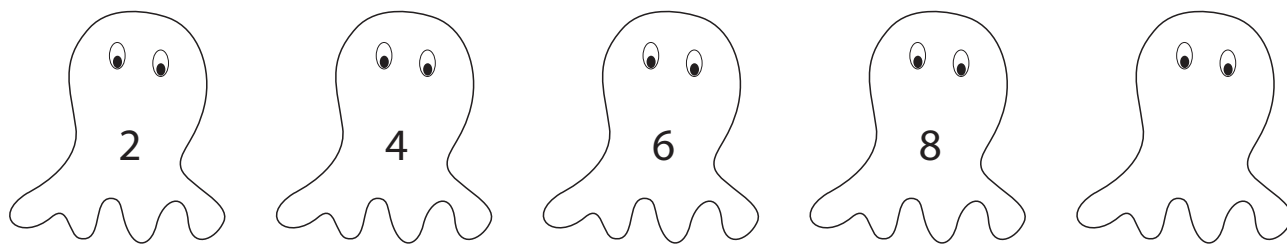


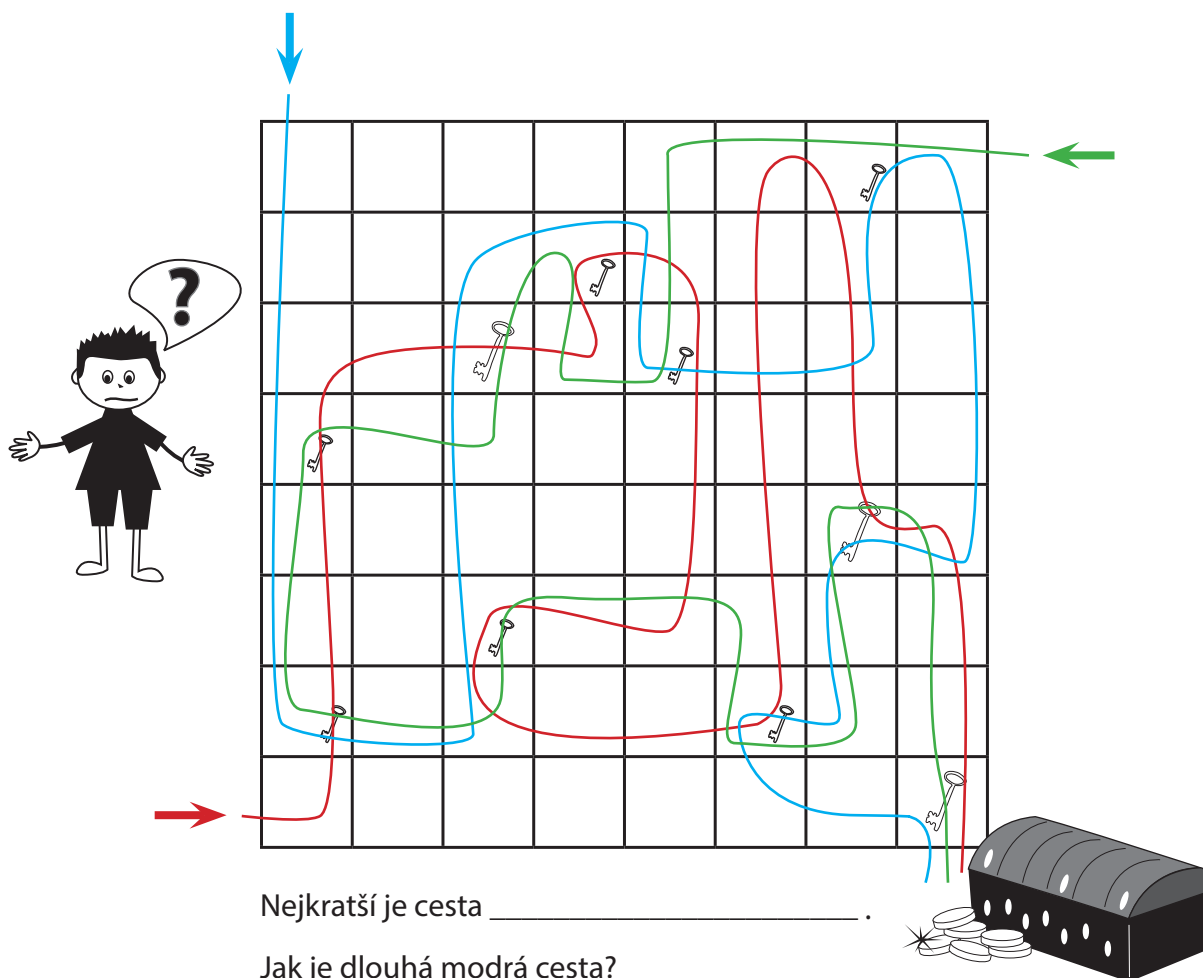
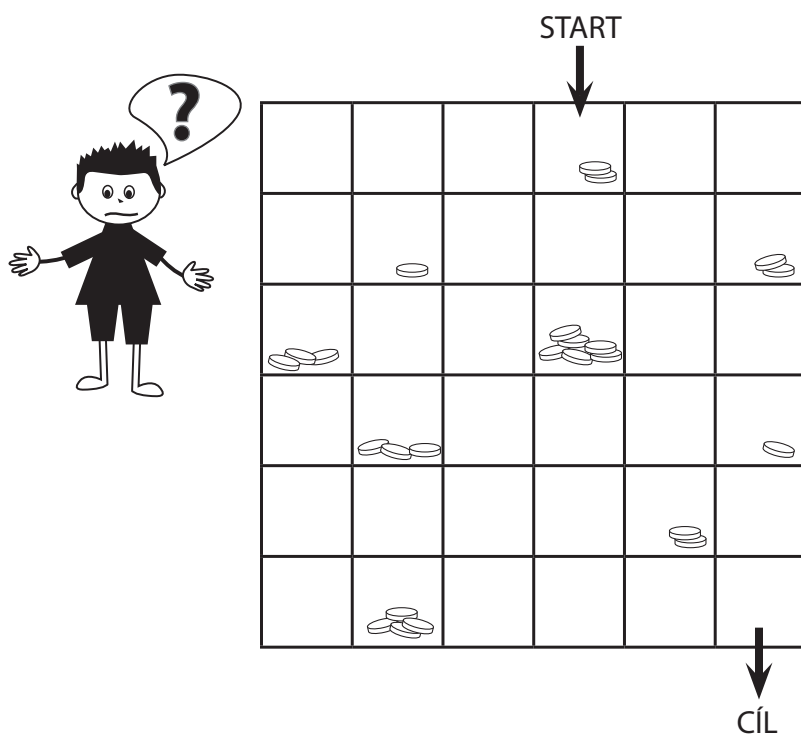
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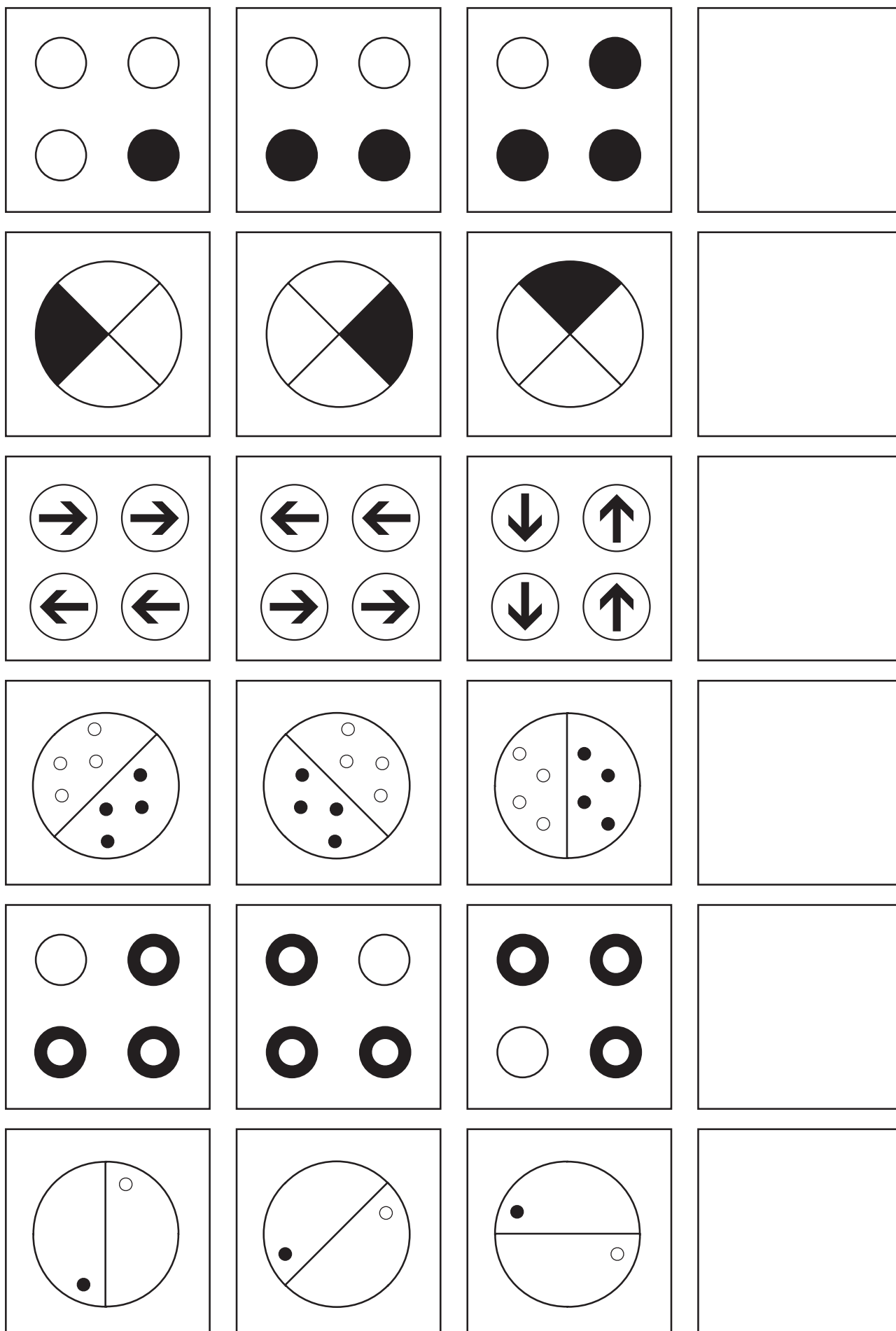


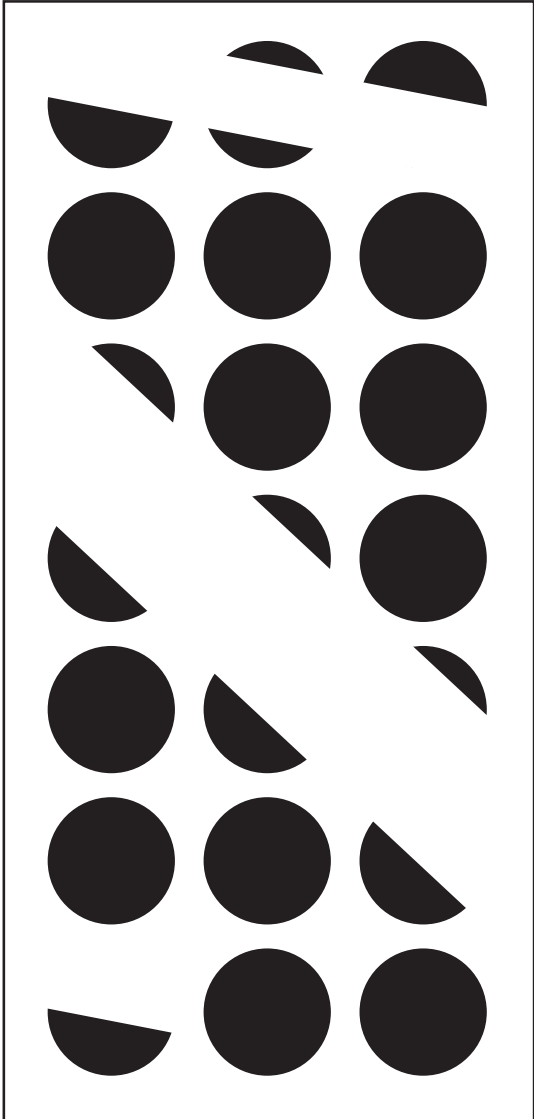
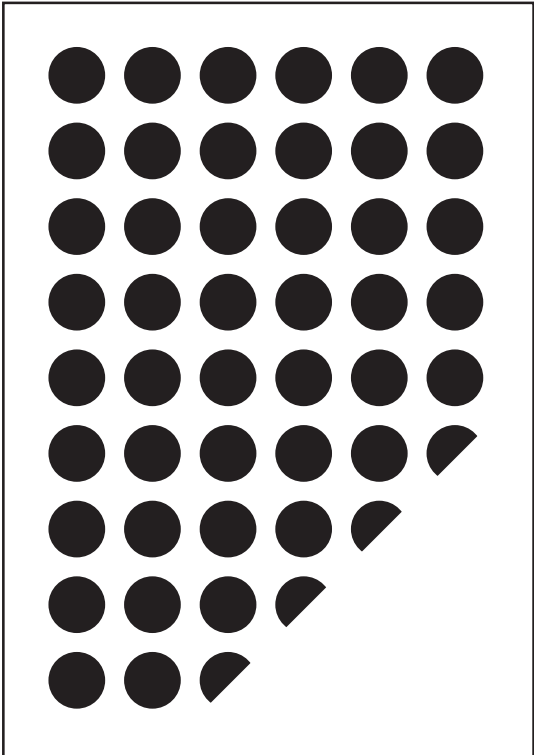
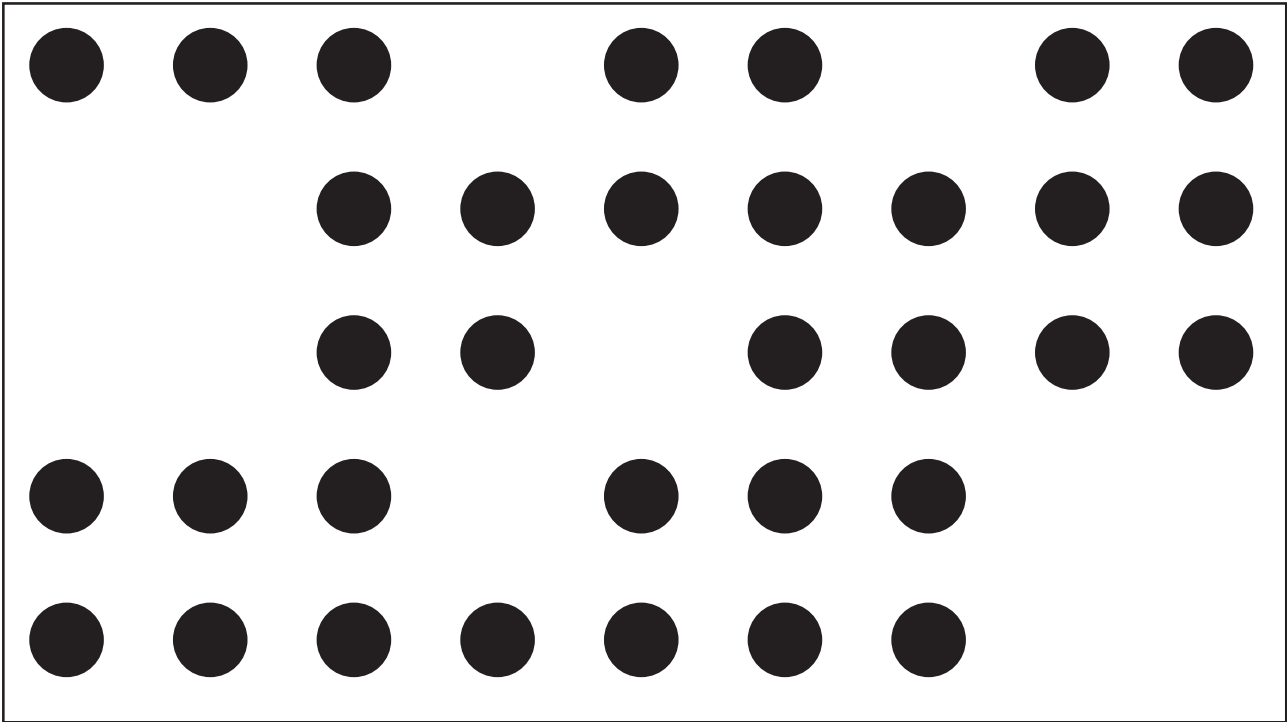
Nejkratší je cesta _____.

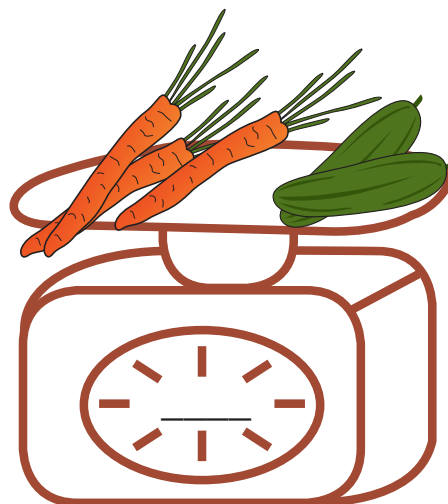
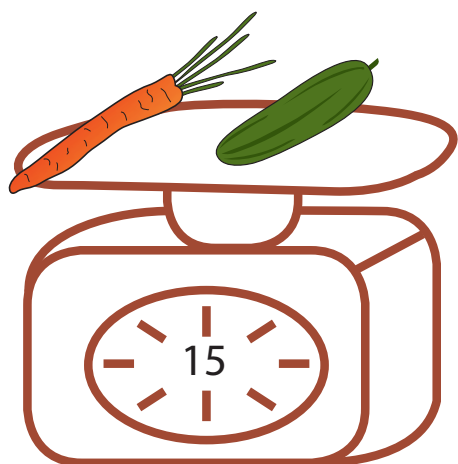
Jak je dlouhá modrá cesta? _____


Jak je dlouhá červená cesta? _____

Jak je dlouhá zelená cesta? _____

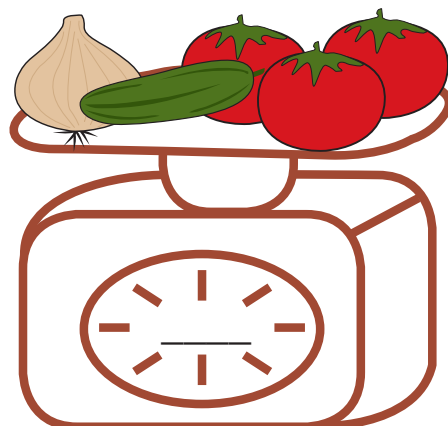
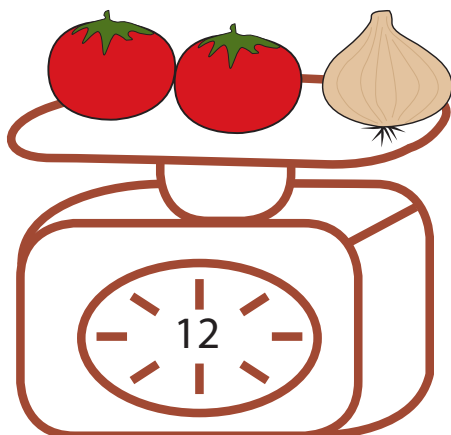








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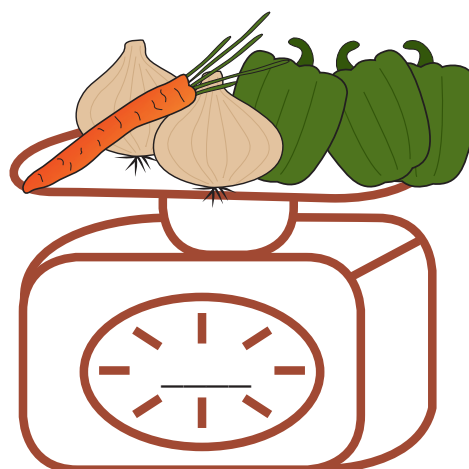
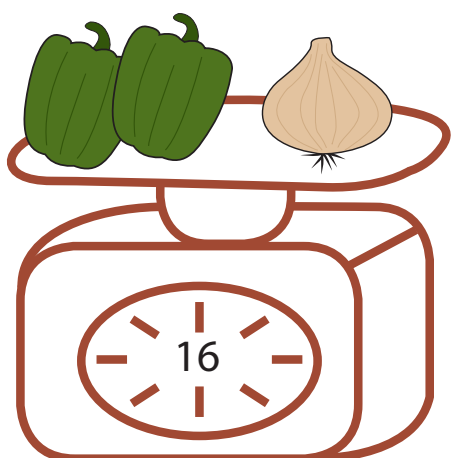
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$$\text{Banana} + \text{Banana} = 8$$

$$\text{Banana} + \text{Apple} + \text{Banana} = 13$$

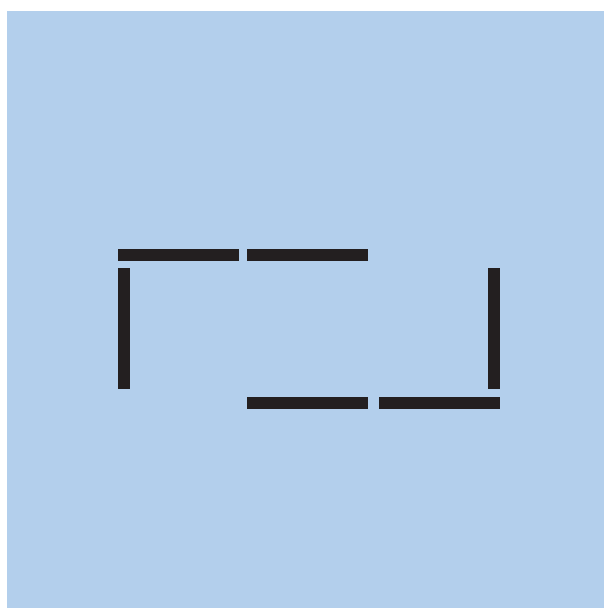
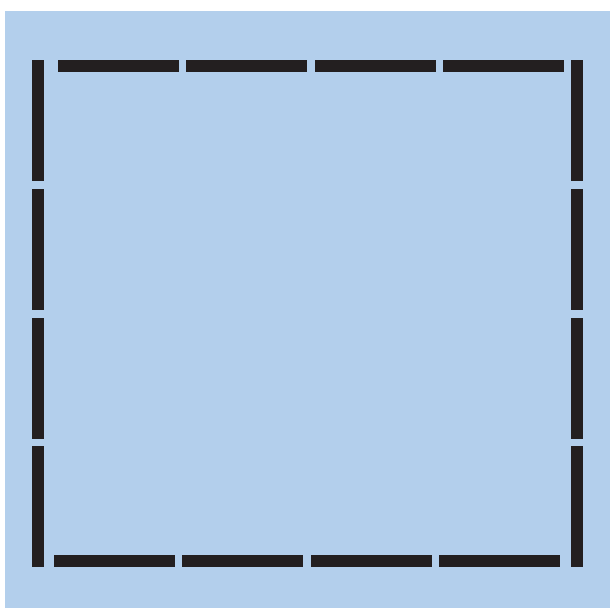
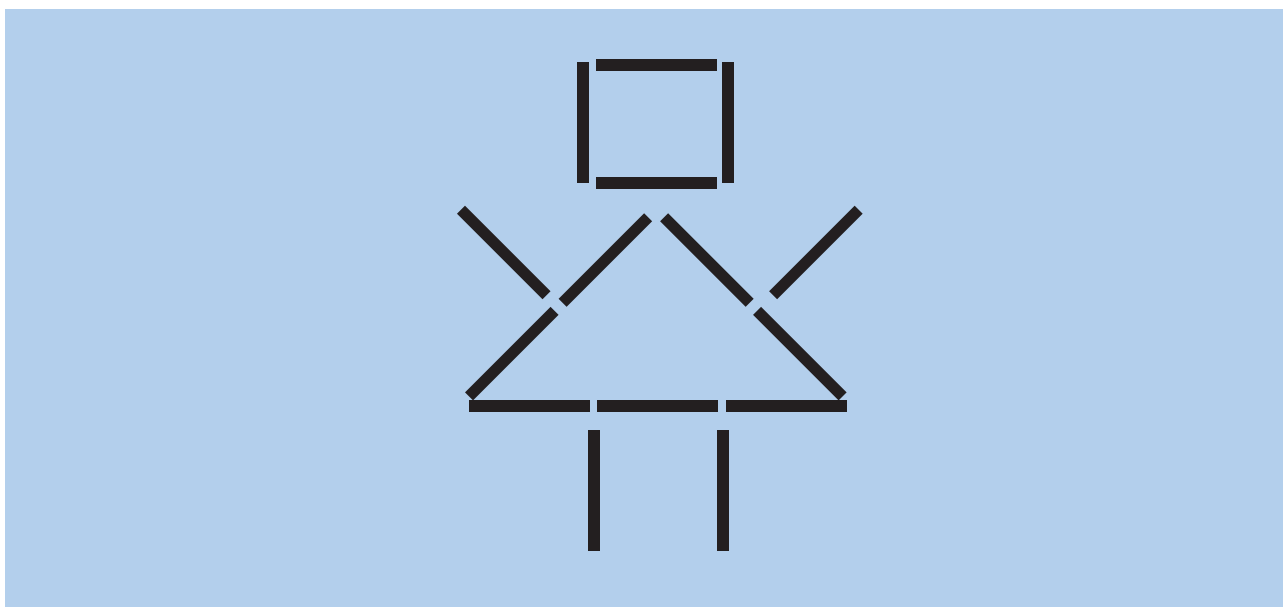
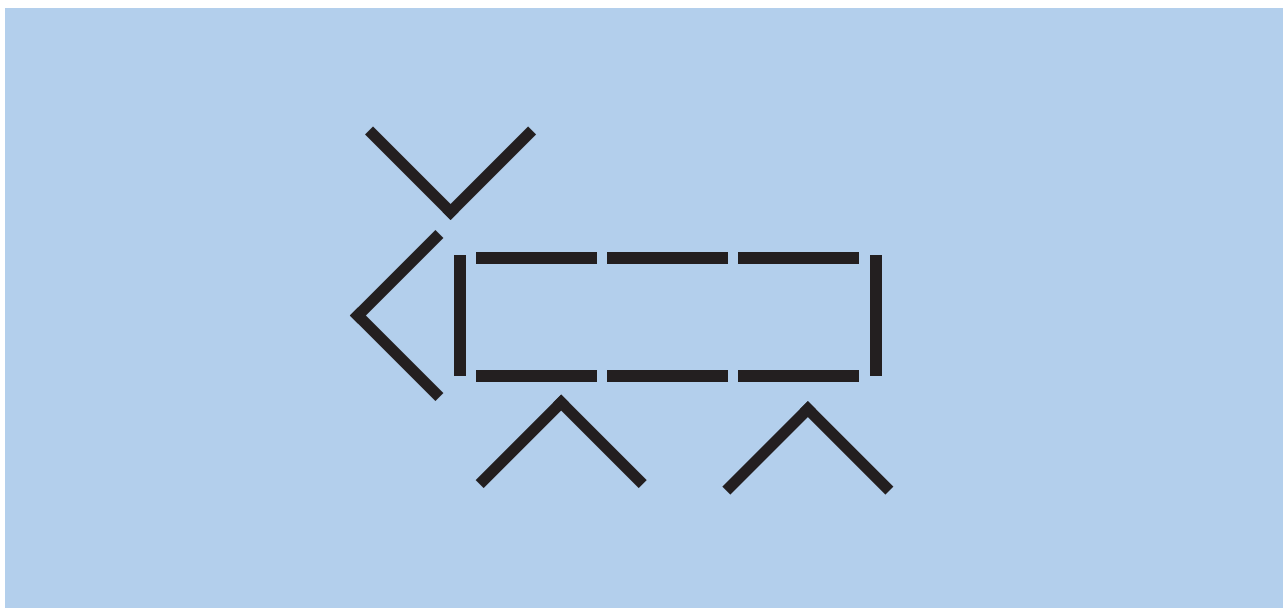
$$\text{Banana} + \text{Apple} + \text{Grape} = 15$$

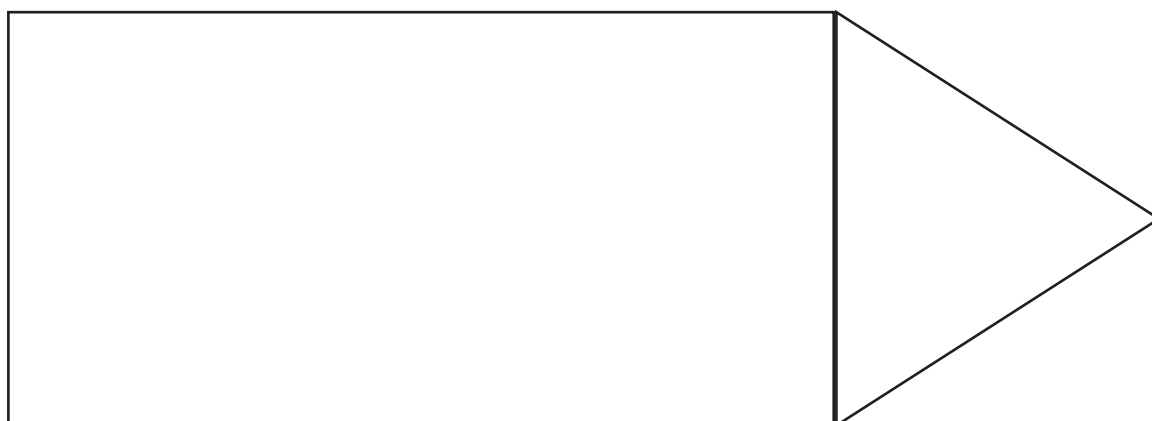
$$\text{Cherry} + \text{Cherry} = 18$$

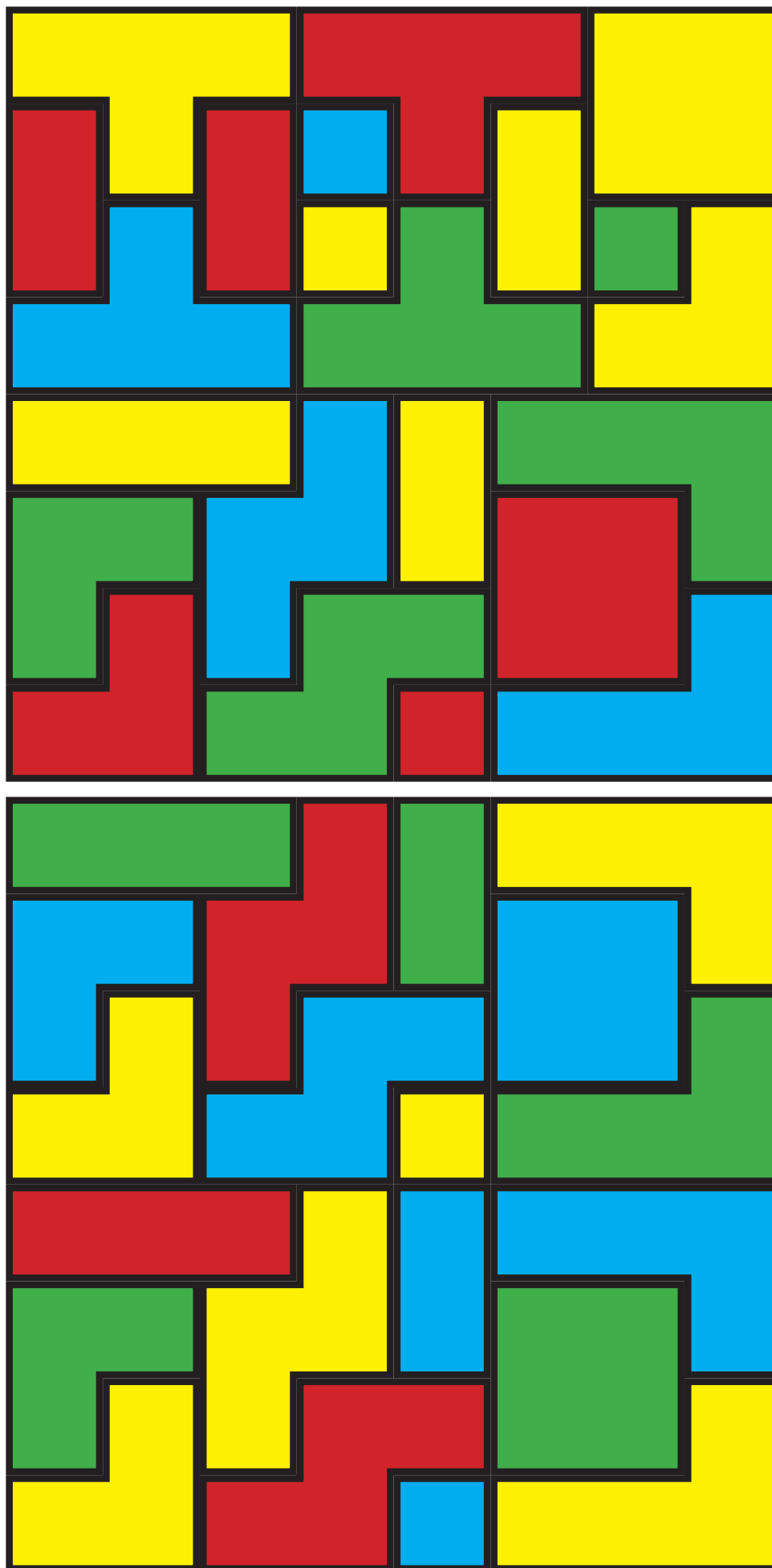
$$\text{Cherry} + \text{Pear} + \text{Apple} = 21$$

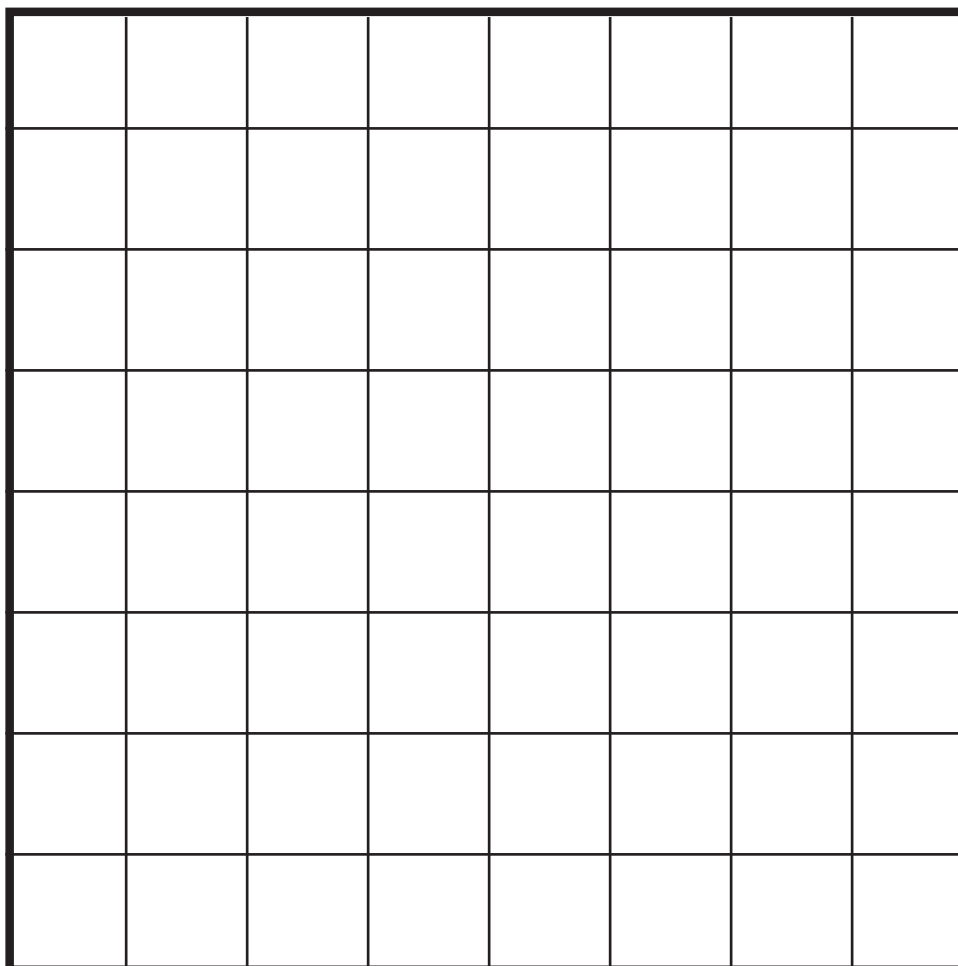
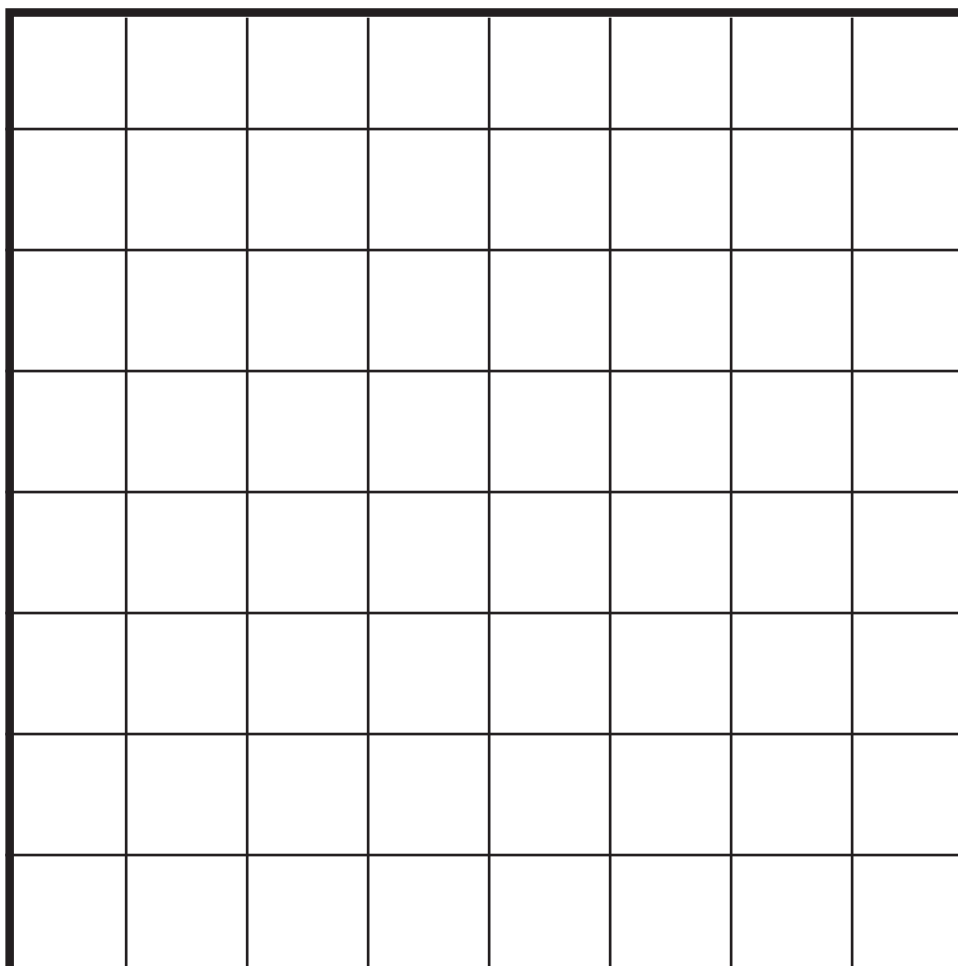
$$\text{Pear} + \text{Cherry} + \text{Grape} + \text{Apple} = \underline{\hspace{2cm}}$$

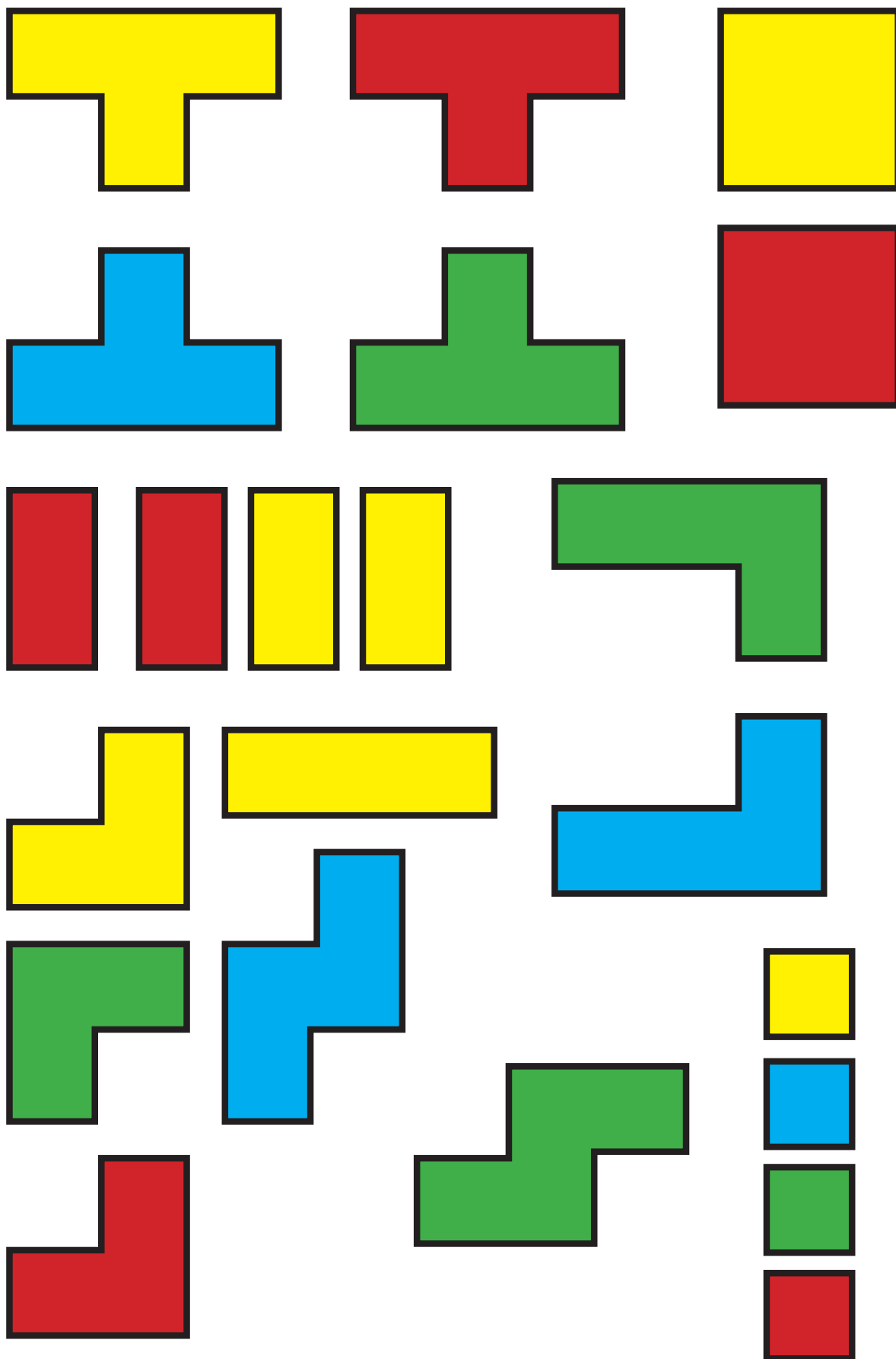
$$3 \text{ Cherries} + 2 \text{ Pears} + 3 \text{ Bananas} = \underline{\hspace{2cm}}$$

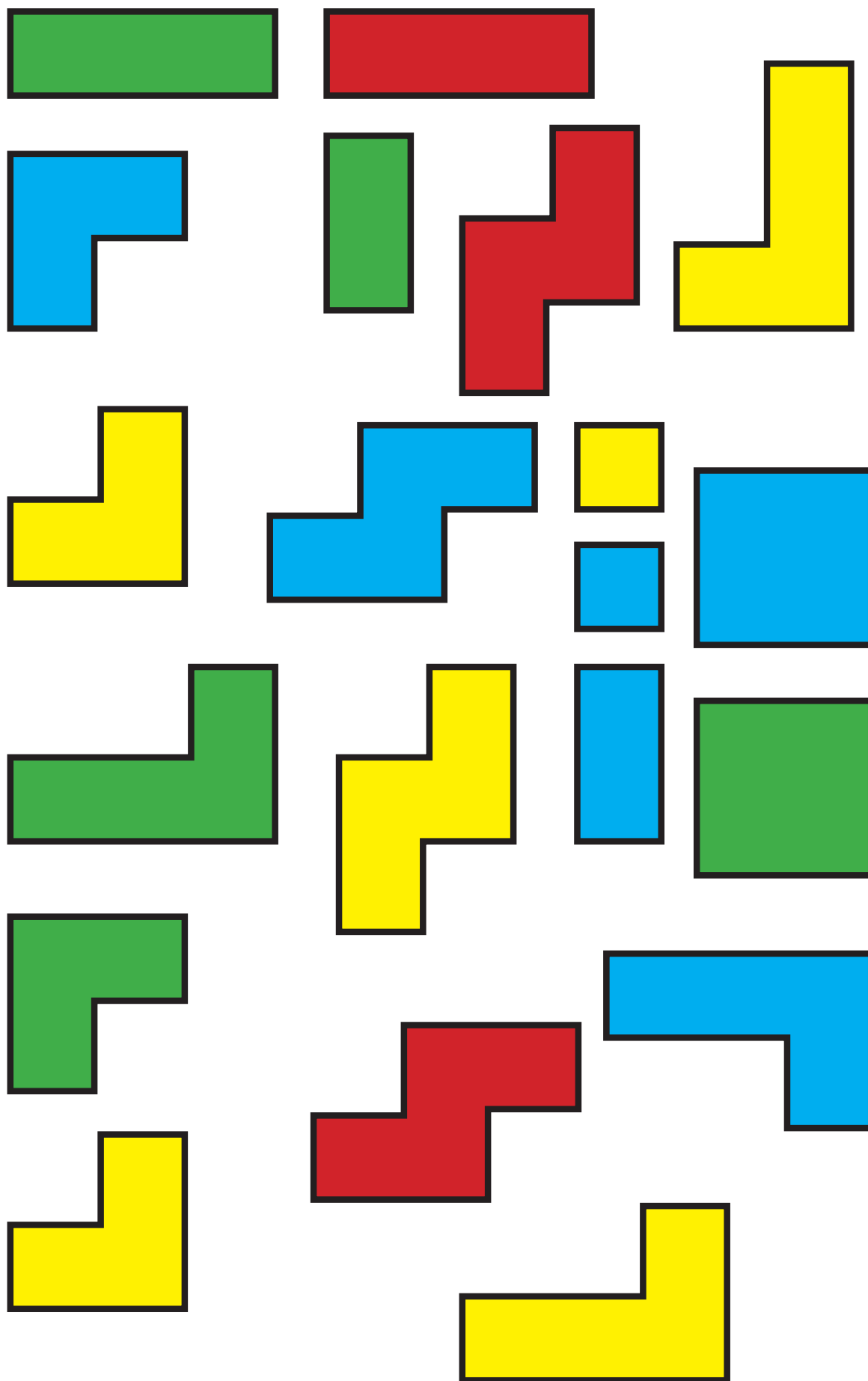


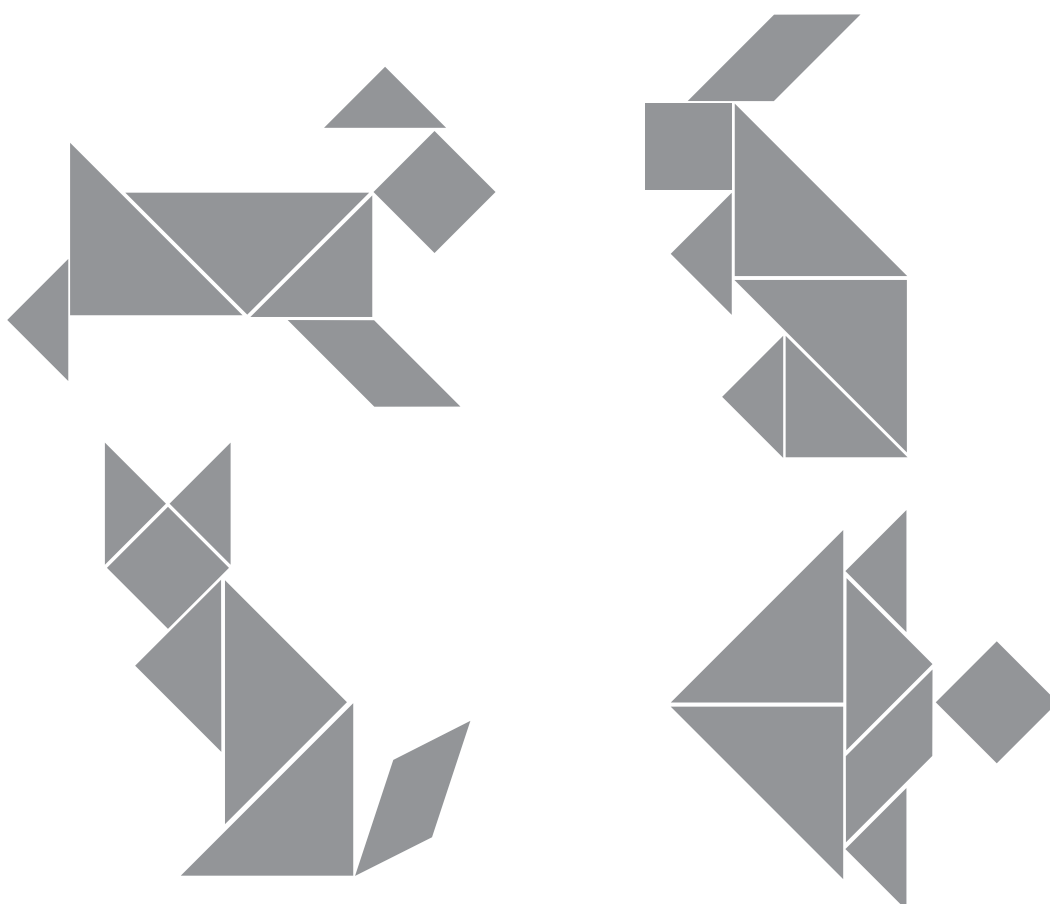


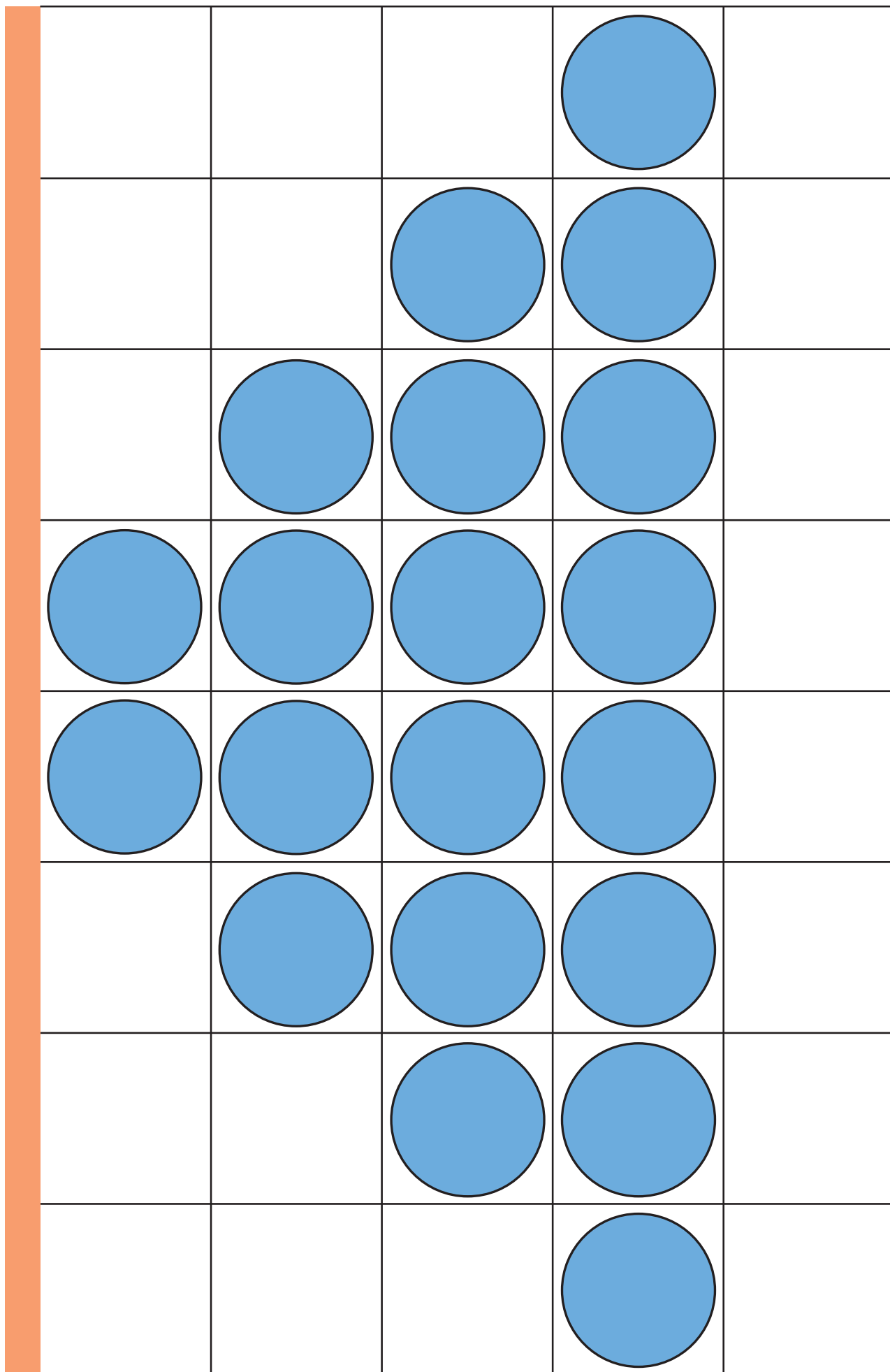


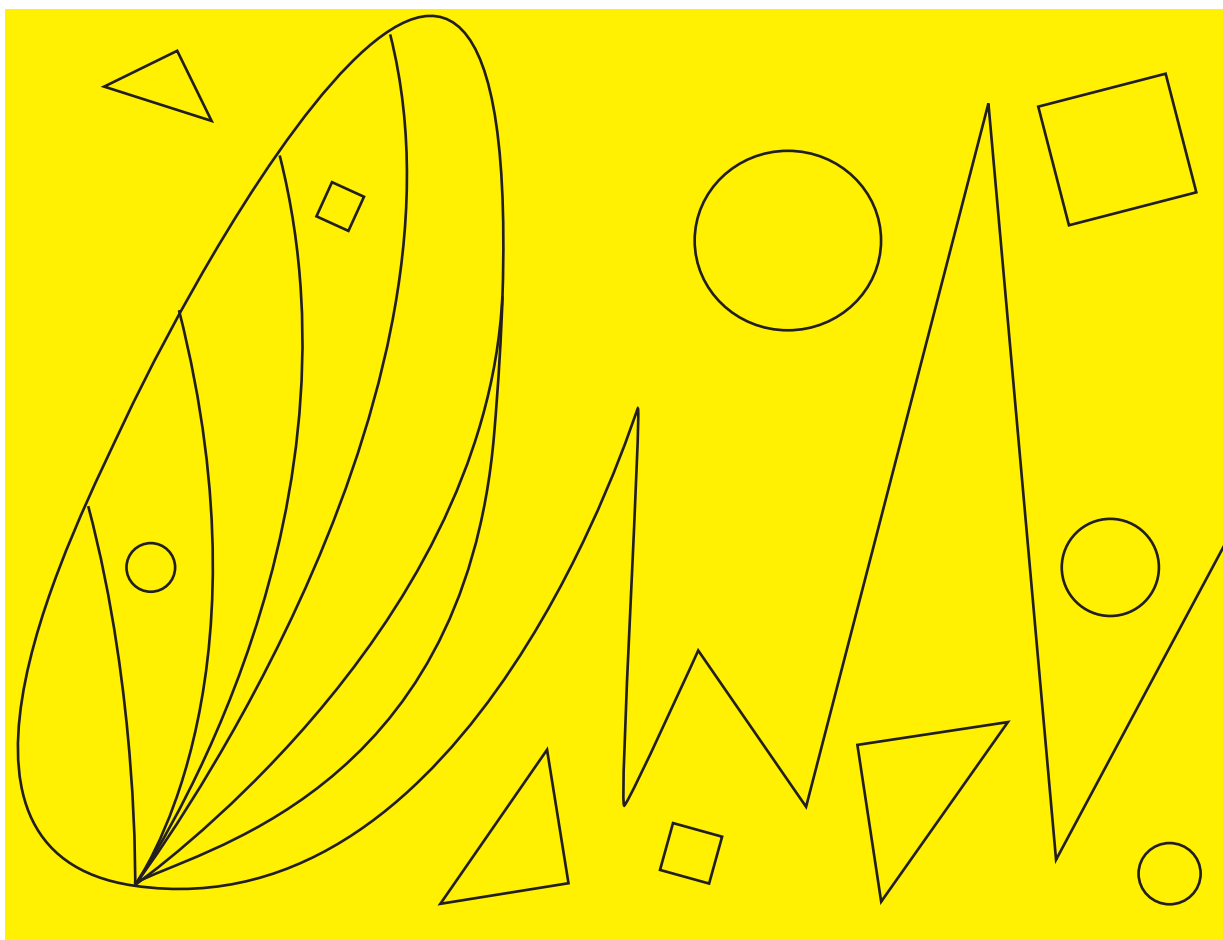
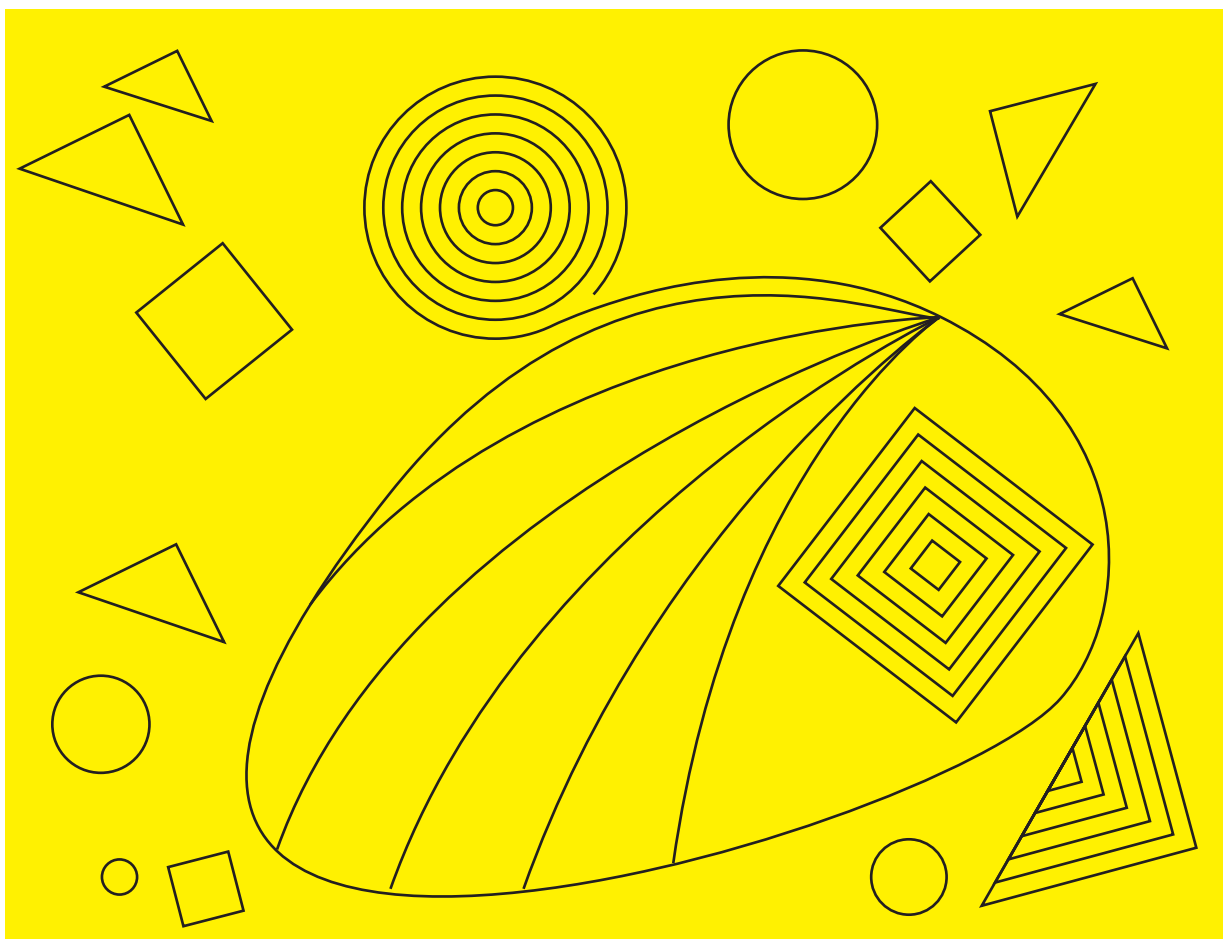


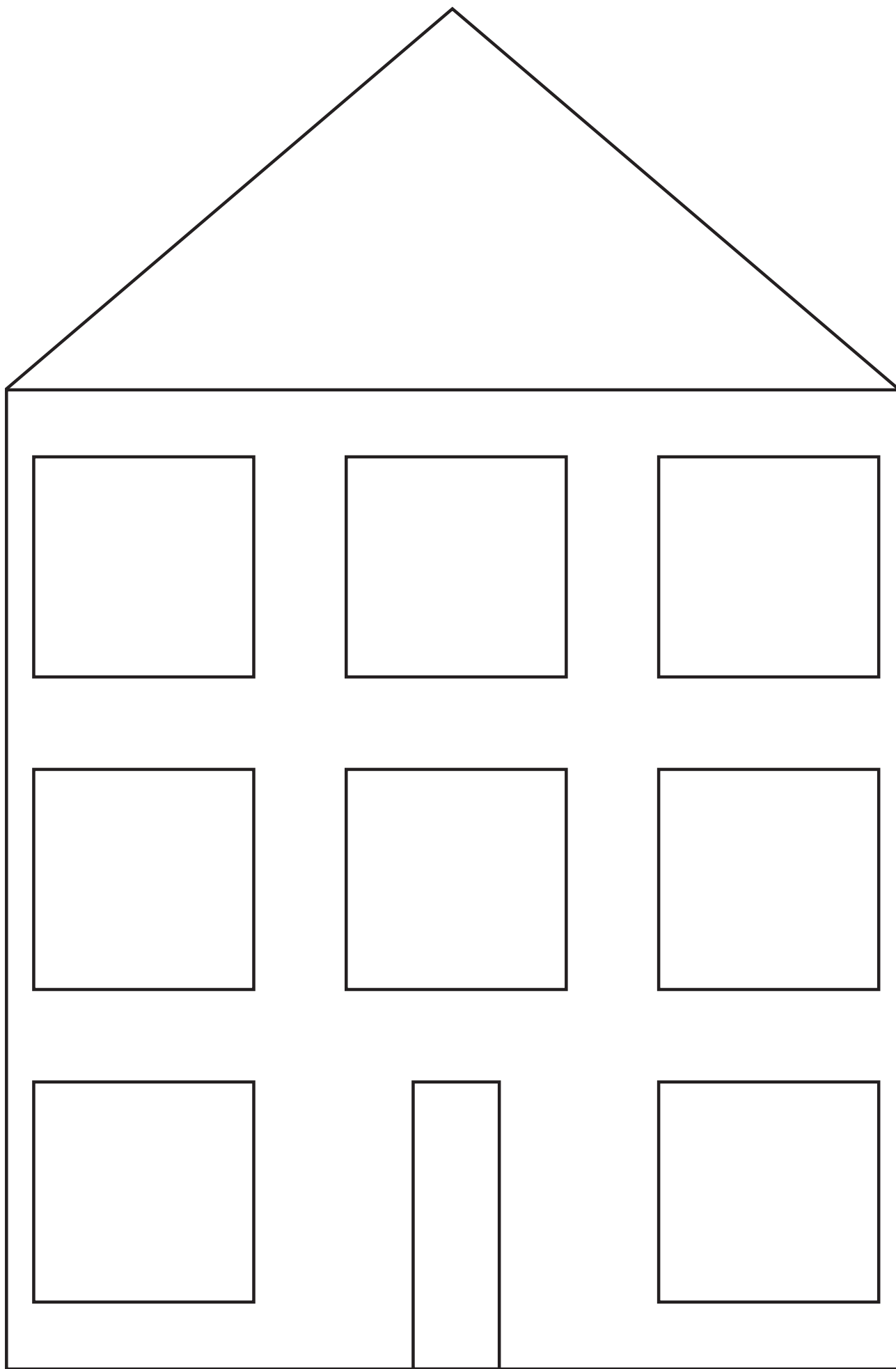


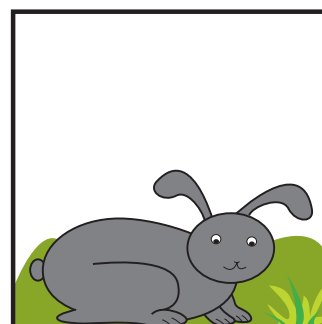
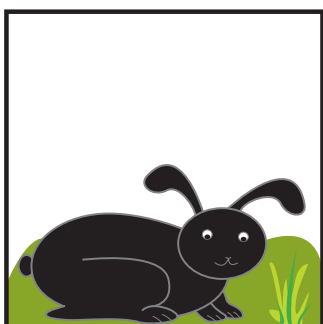
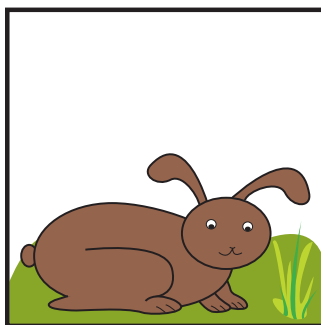
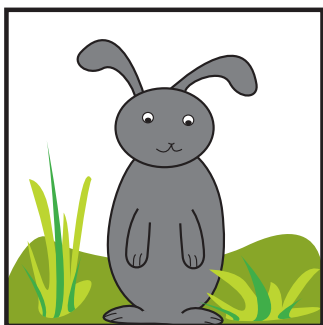
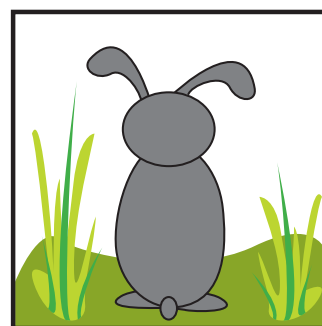
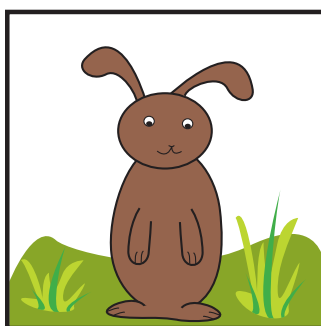
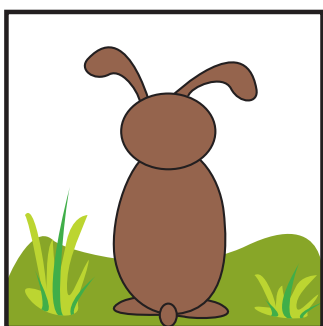
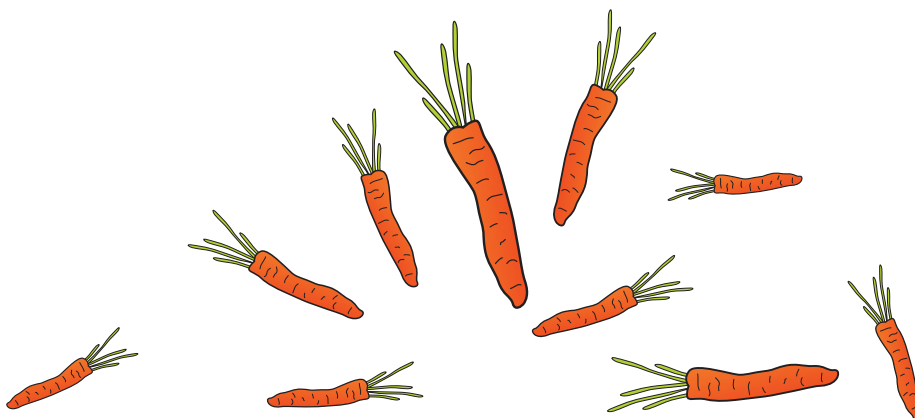


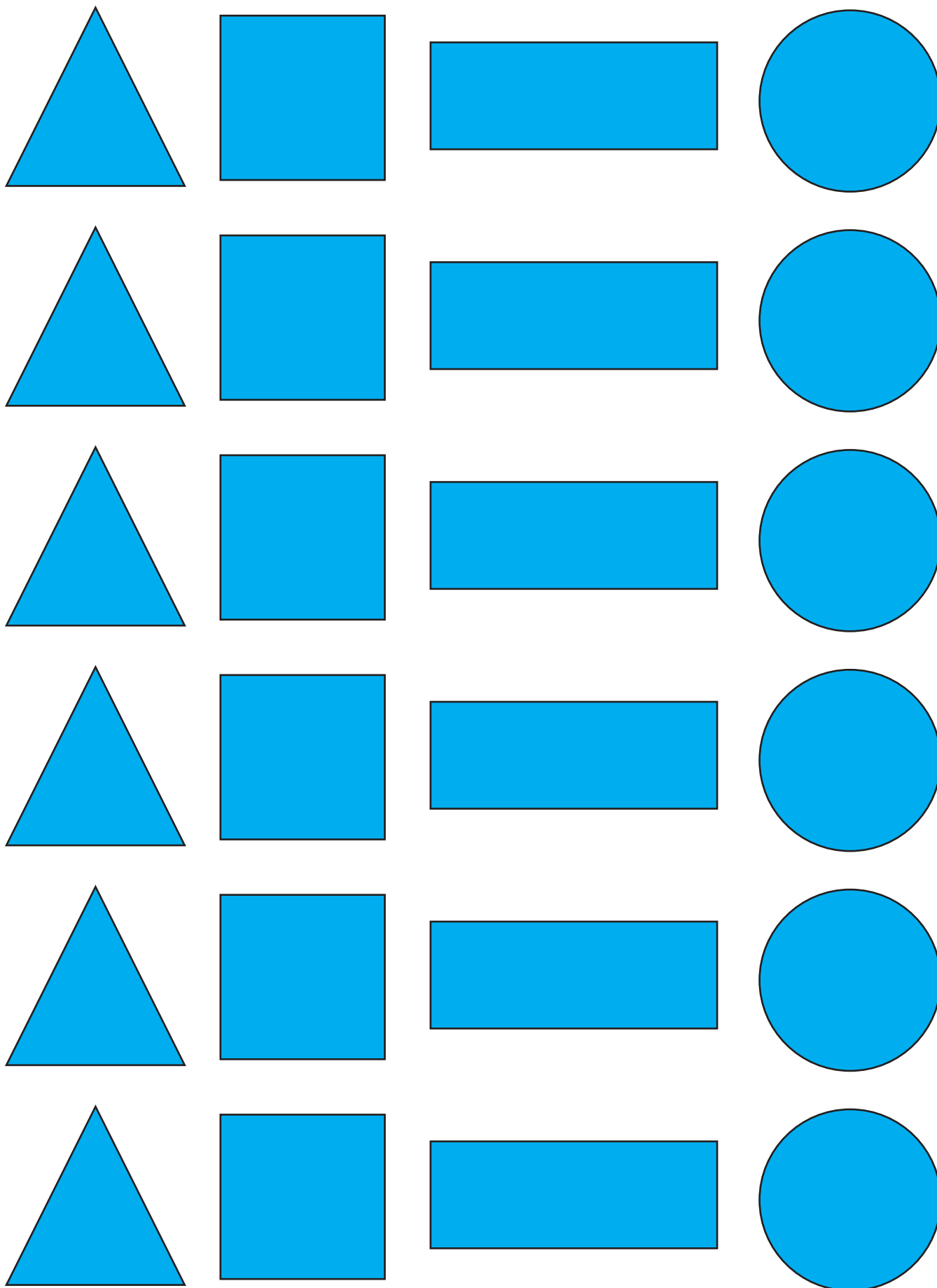


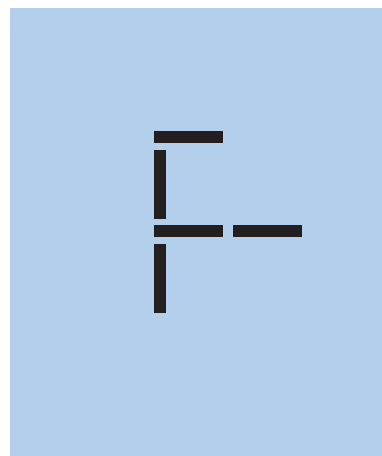
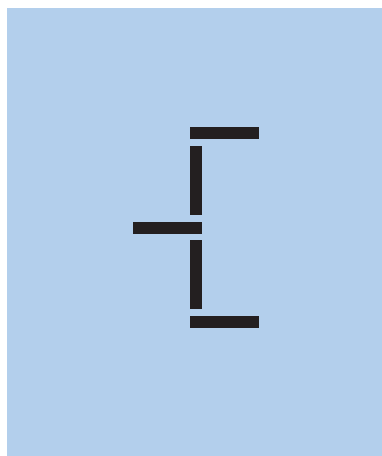
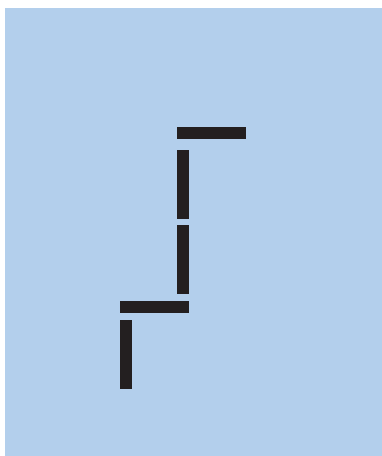
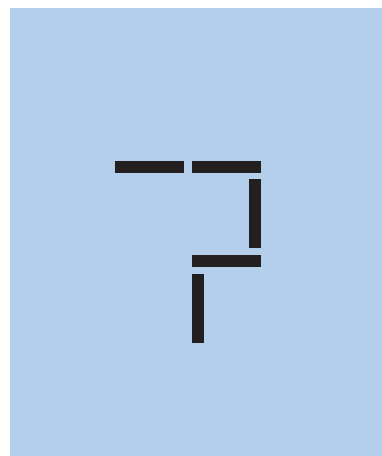
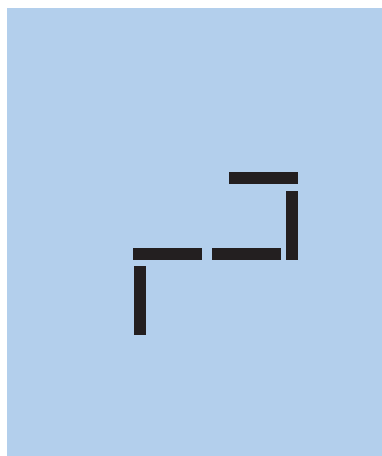
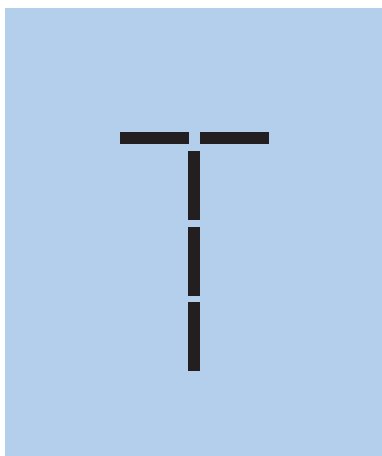
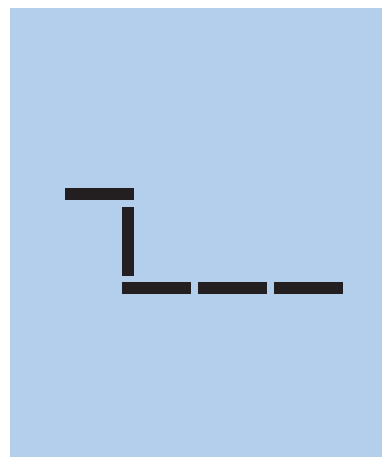
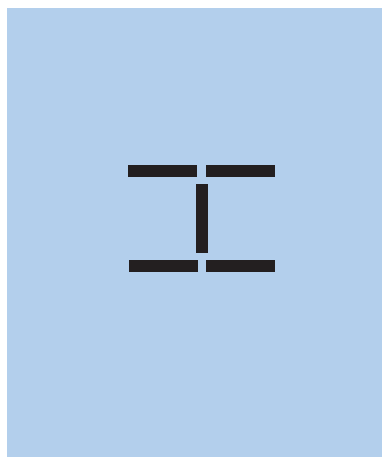
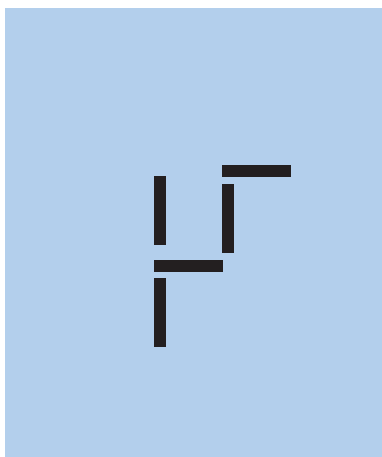
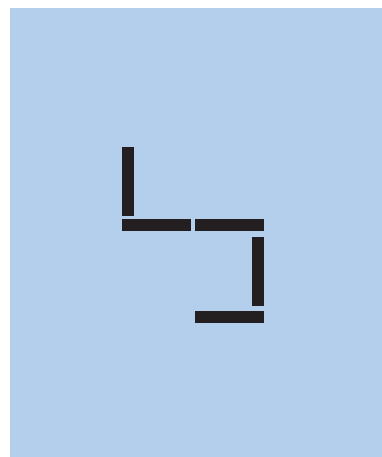
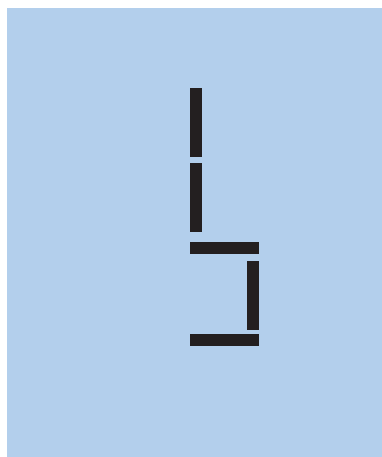
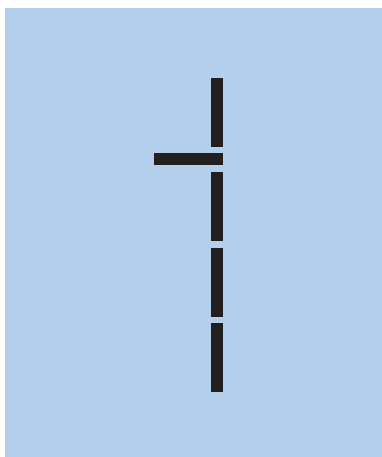


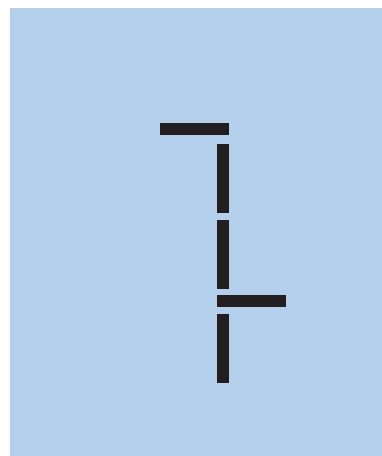
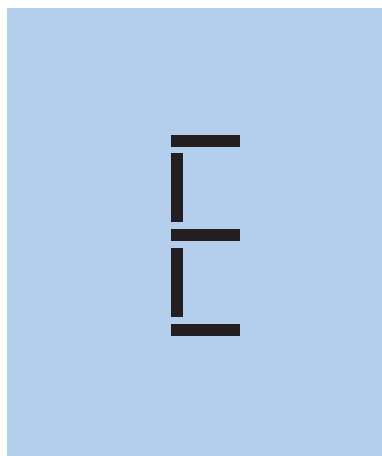
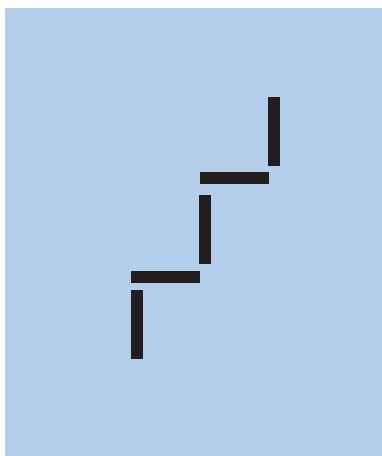
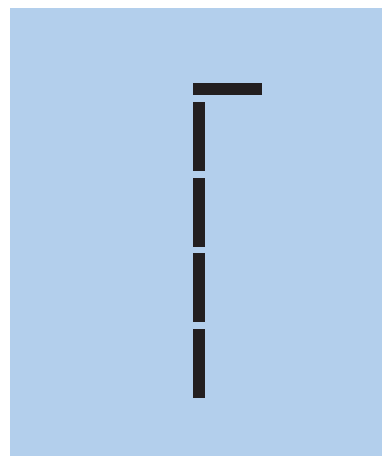
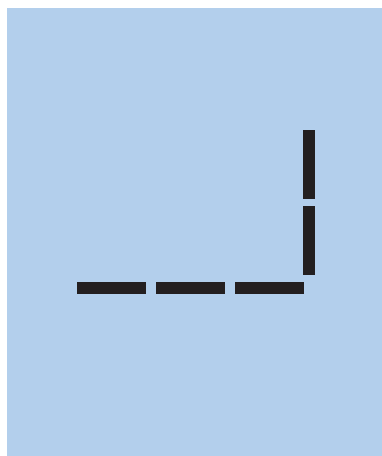
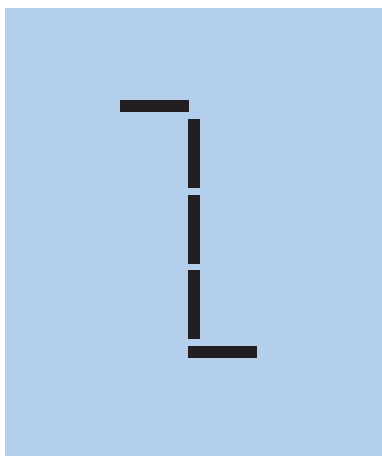
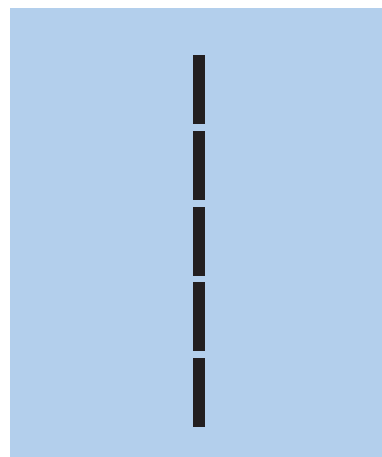
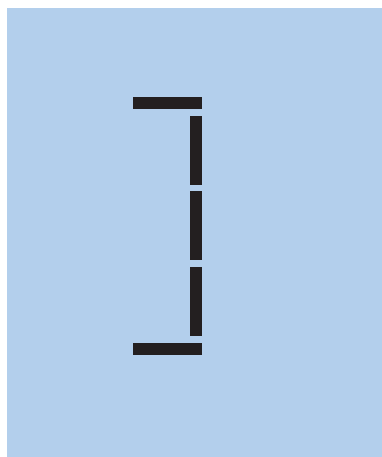
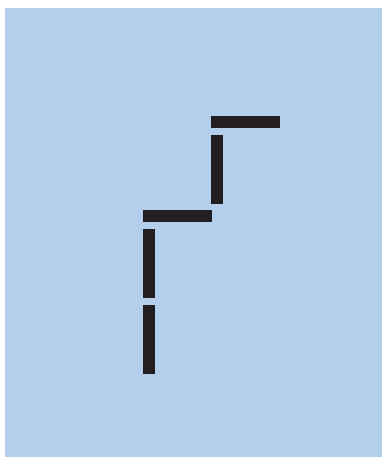
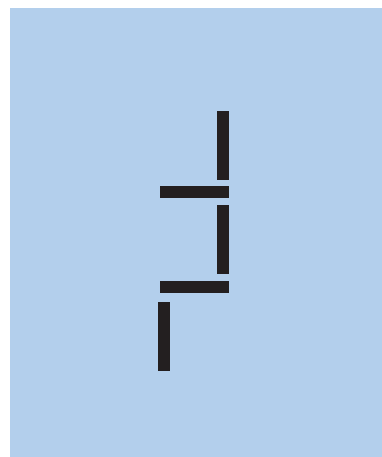
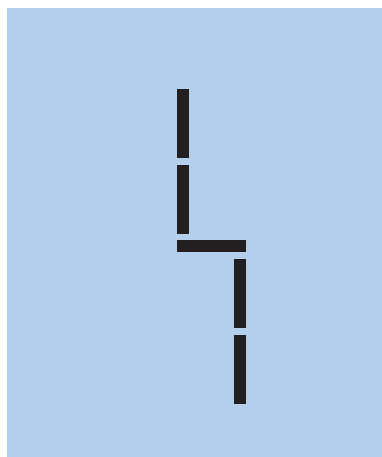
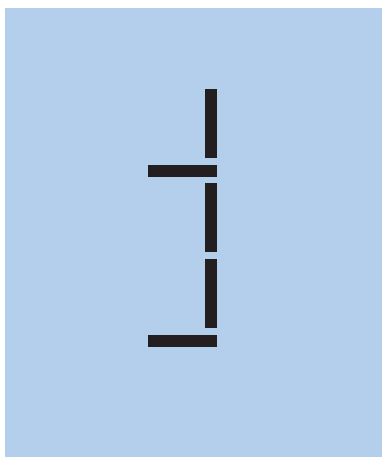


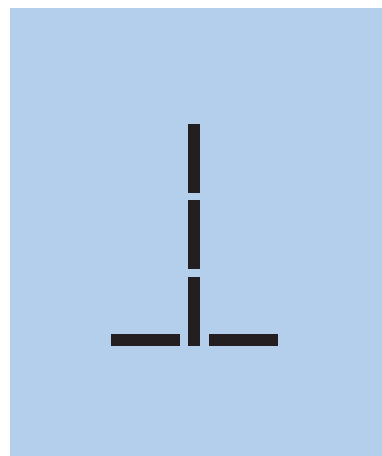
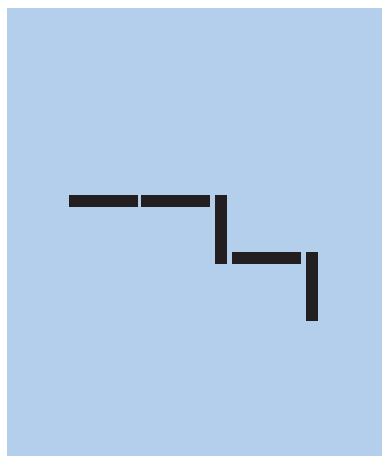
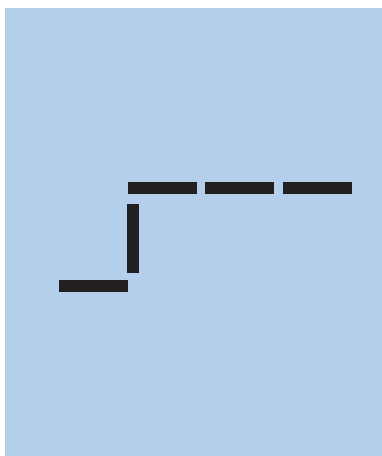
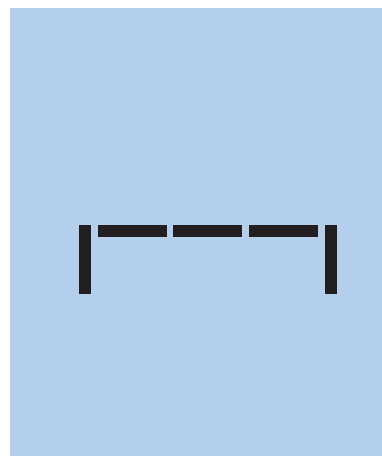
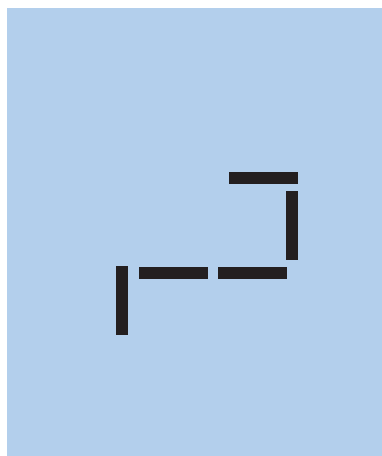
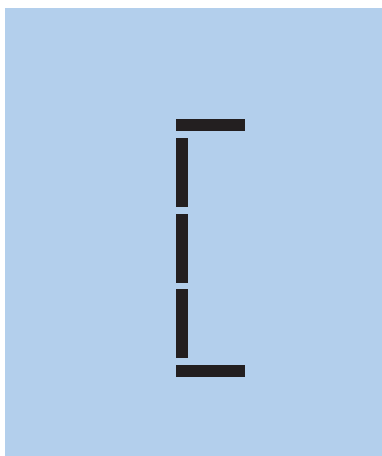
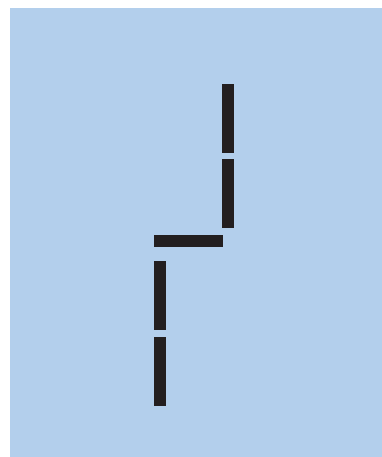
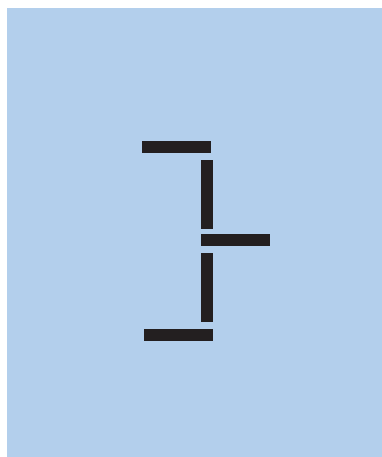
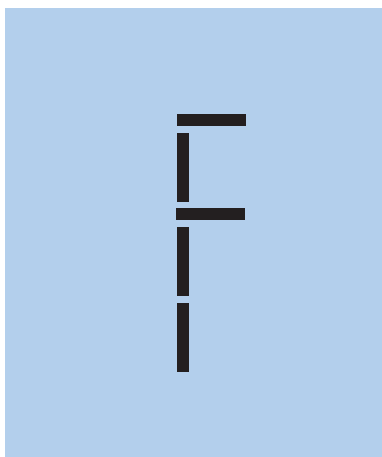
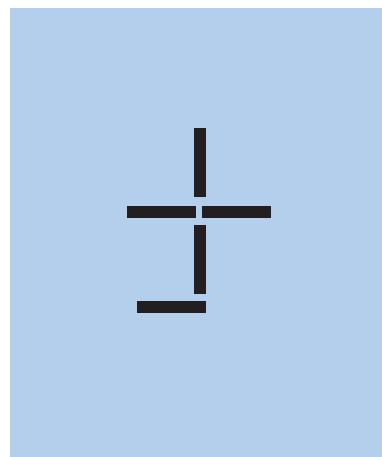
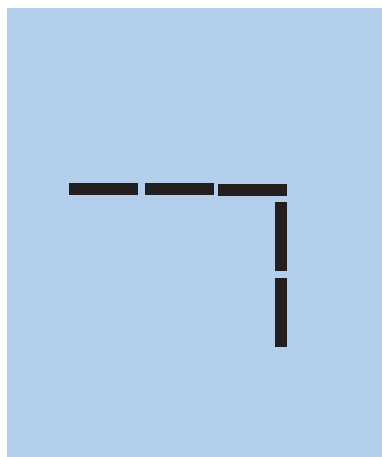
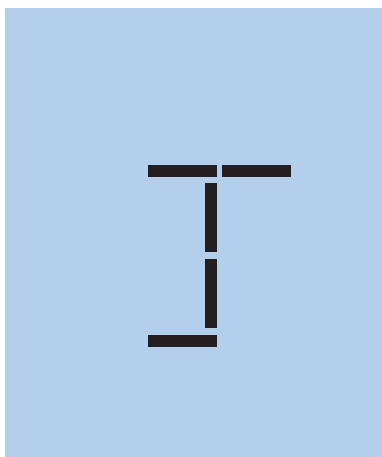


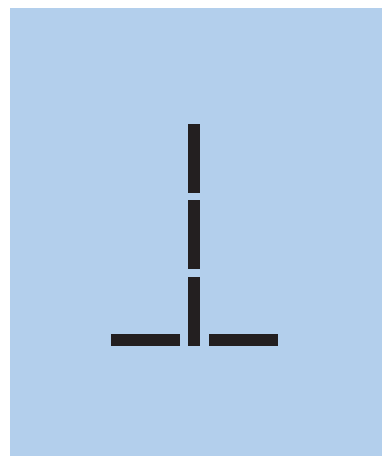
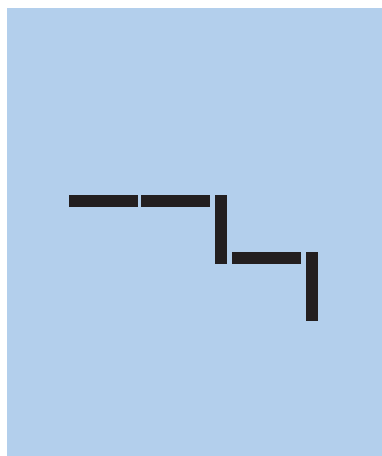
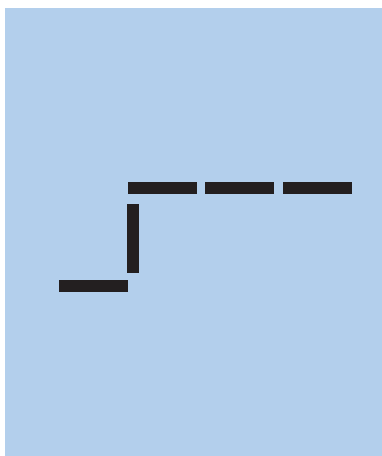
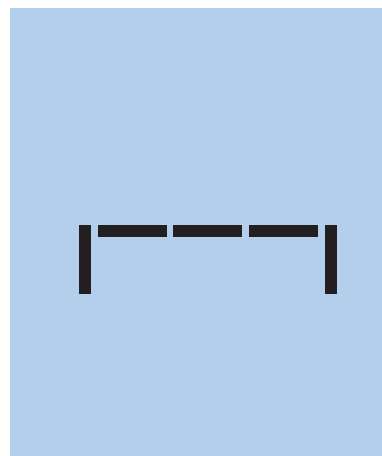
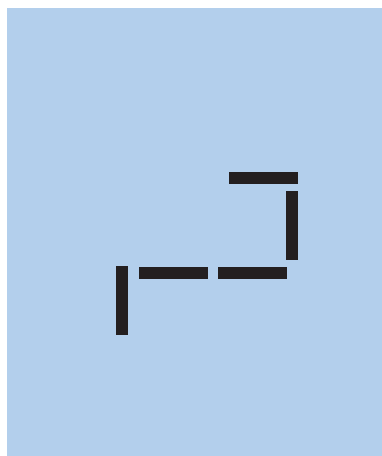
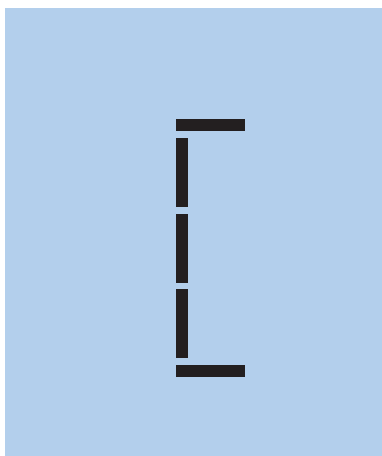
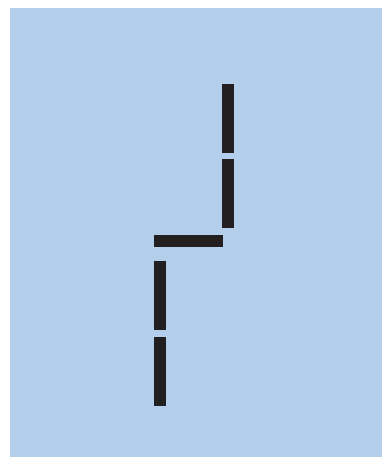
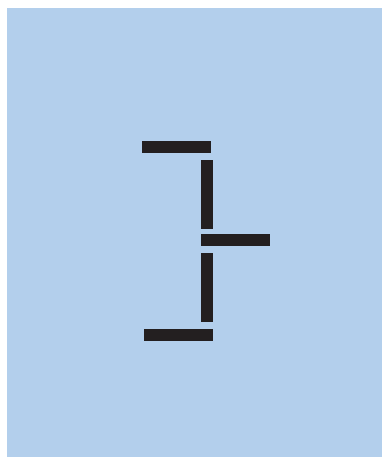
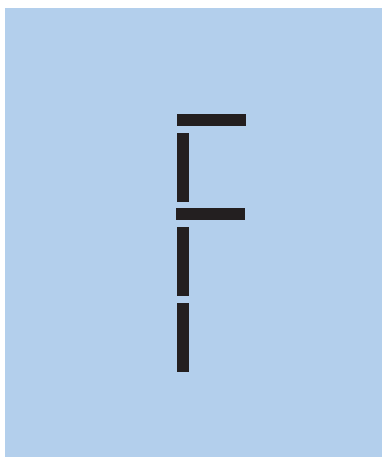
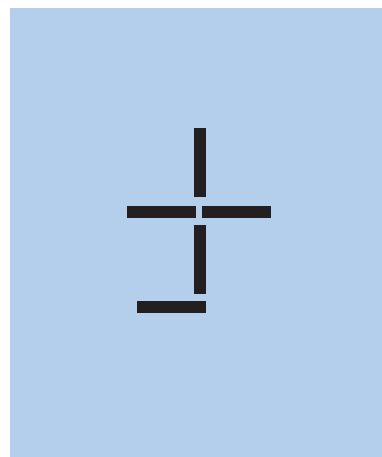
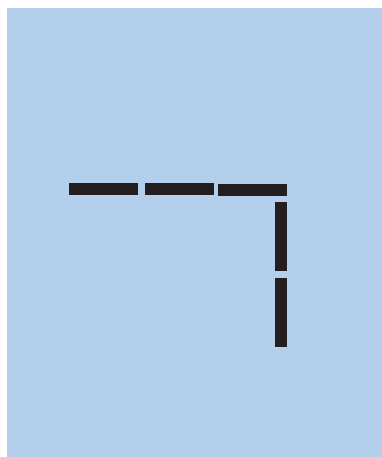
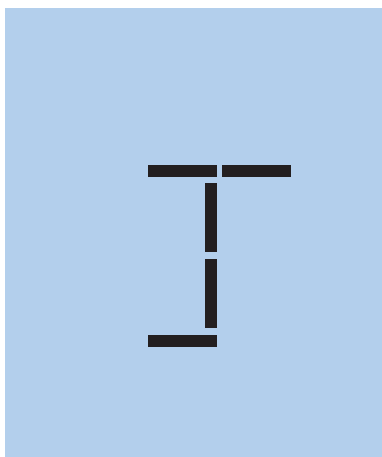












Jsem žák: 1. třídy 2. třídy 3. třídy 4. třídy 5. třídy

1. Baví tě matematika? Označ kroužkem.

ano ne

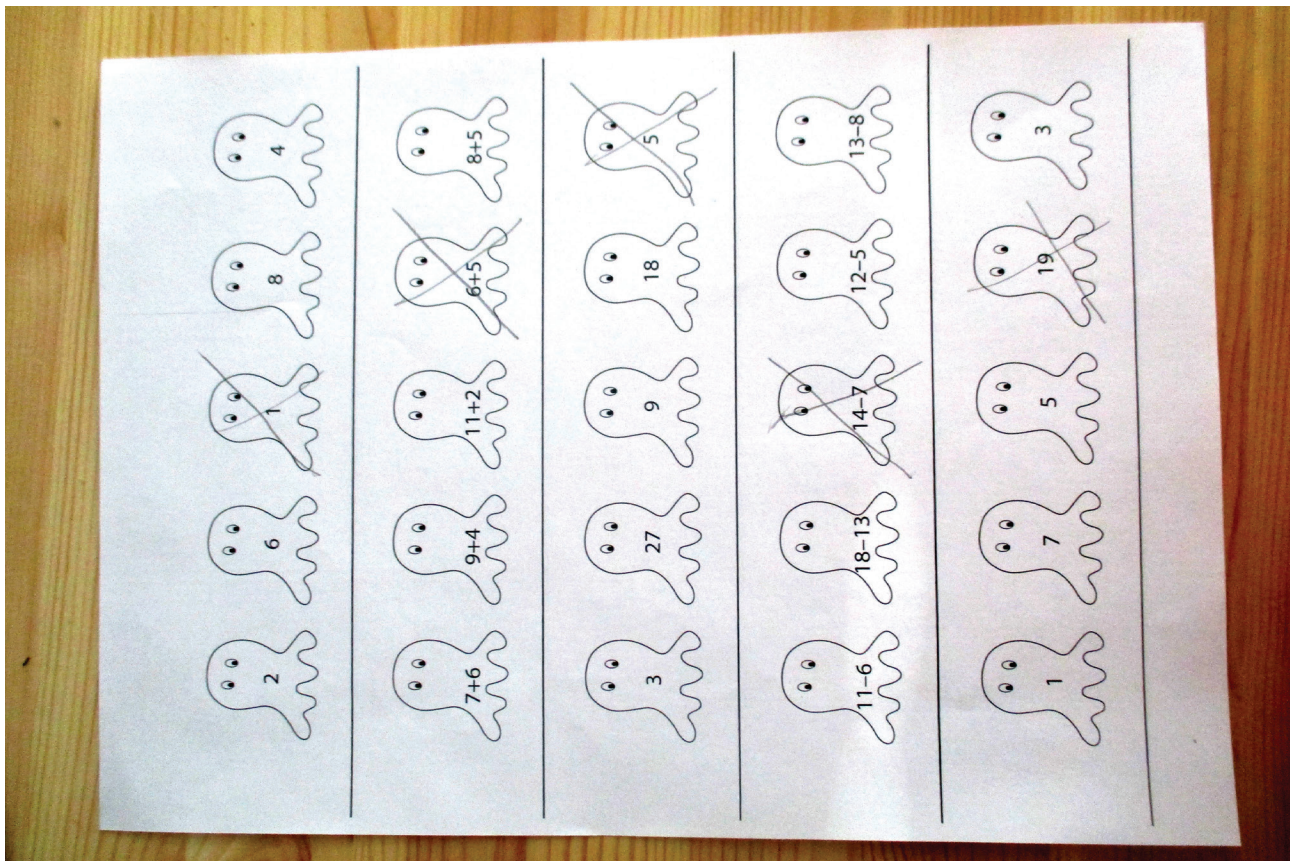
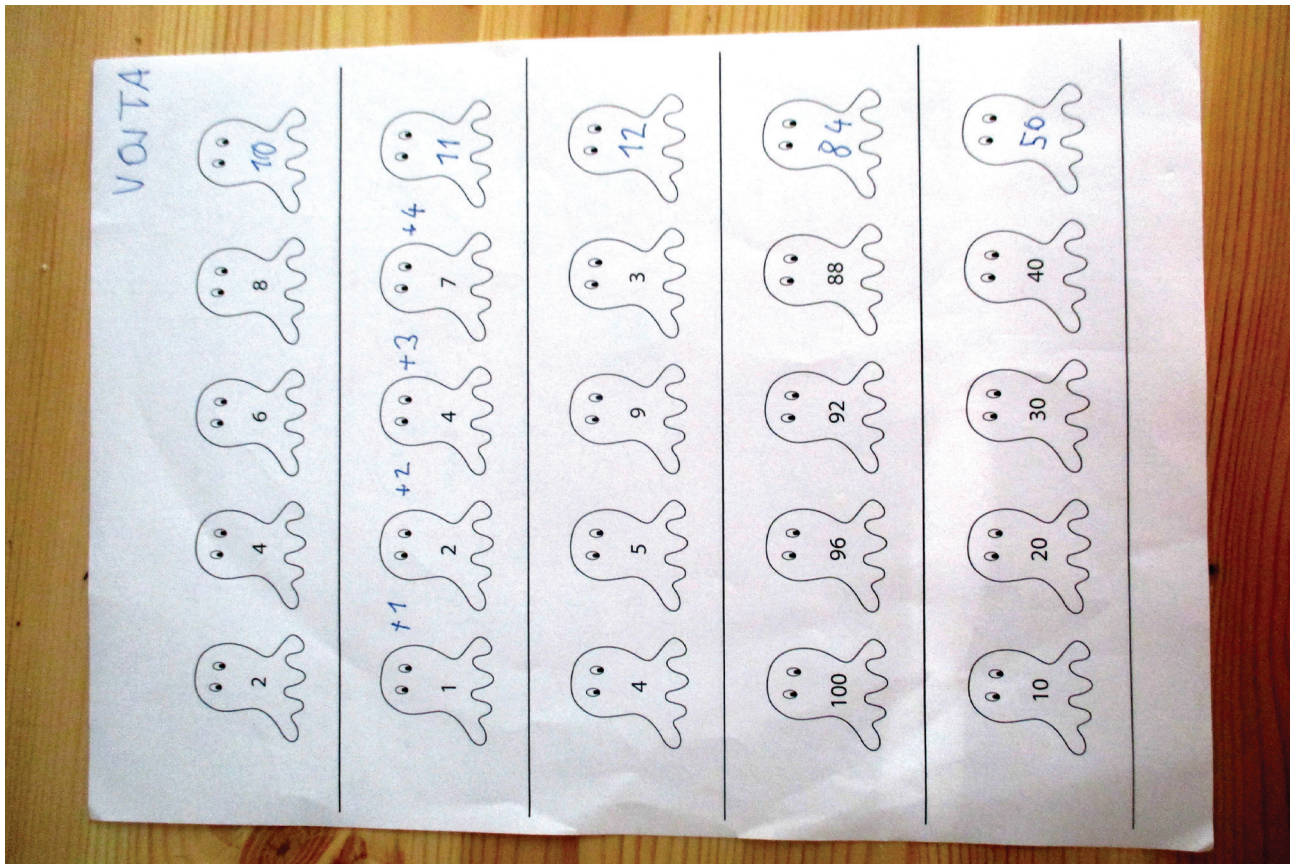
2. Co se ti na matematice líbí?

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.....
.....

3. Co se ti na matematice nelíbí?

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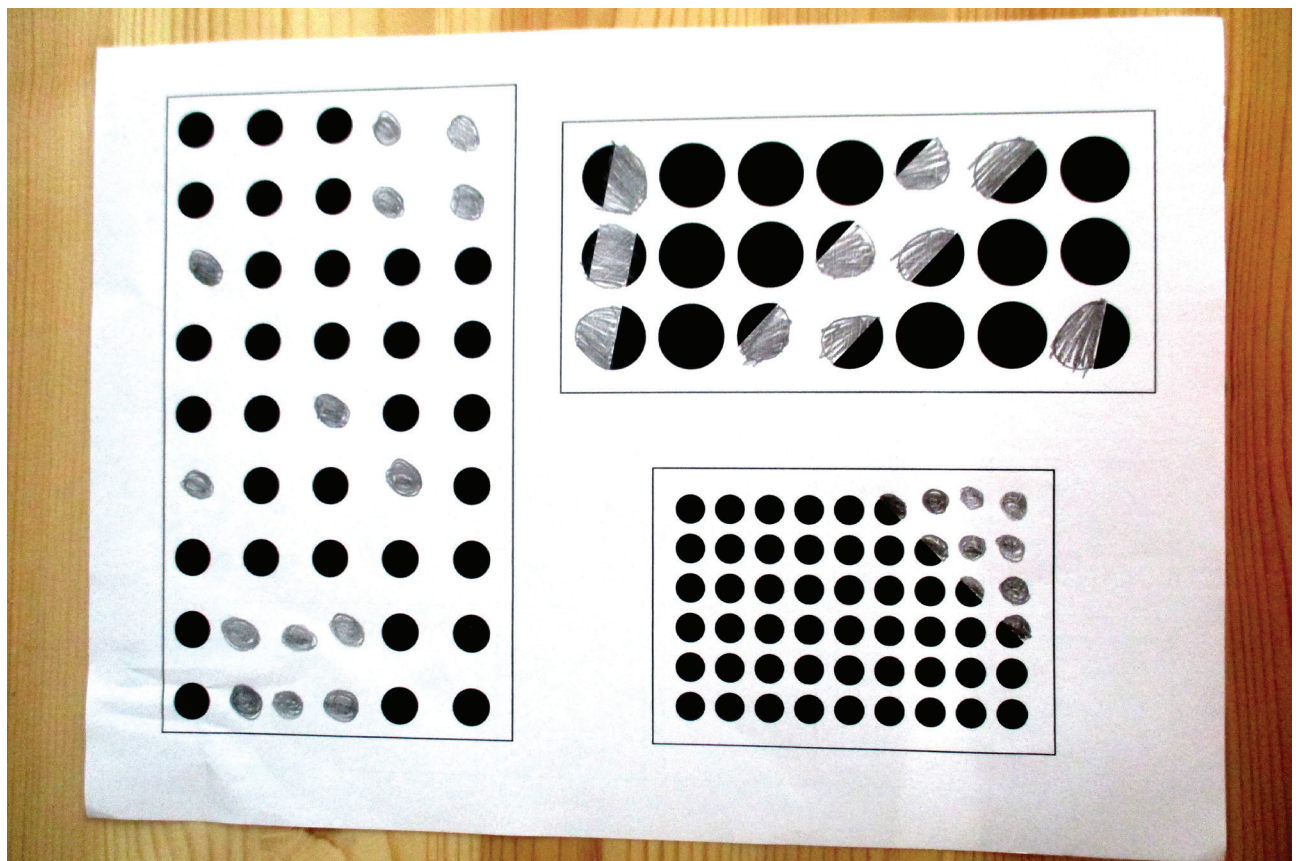
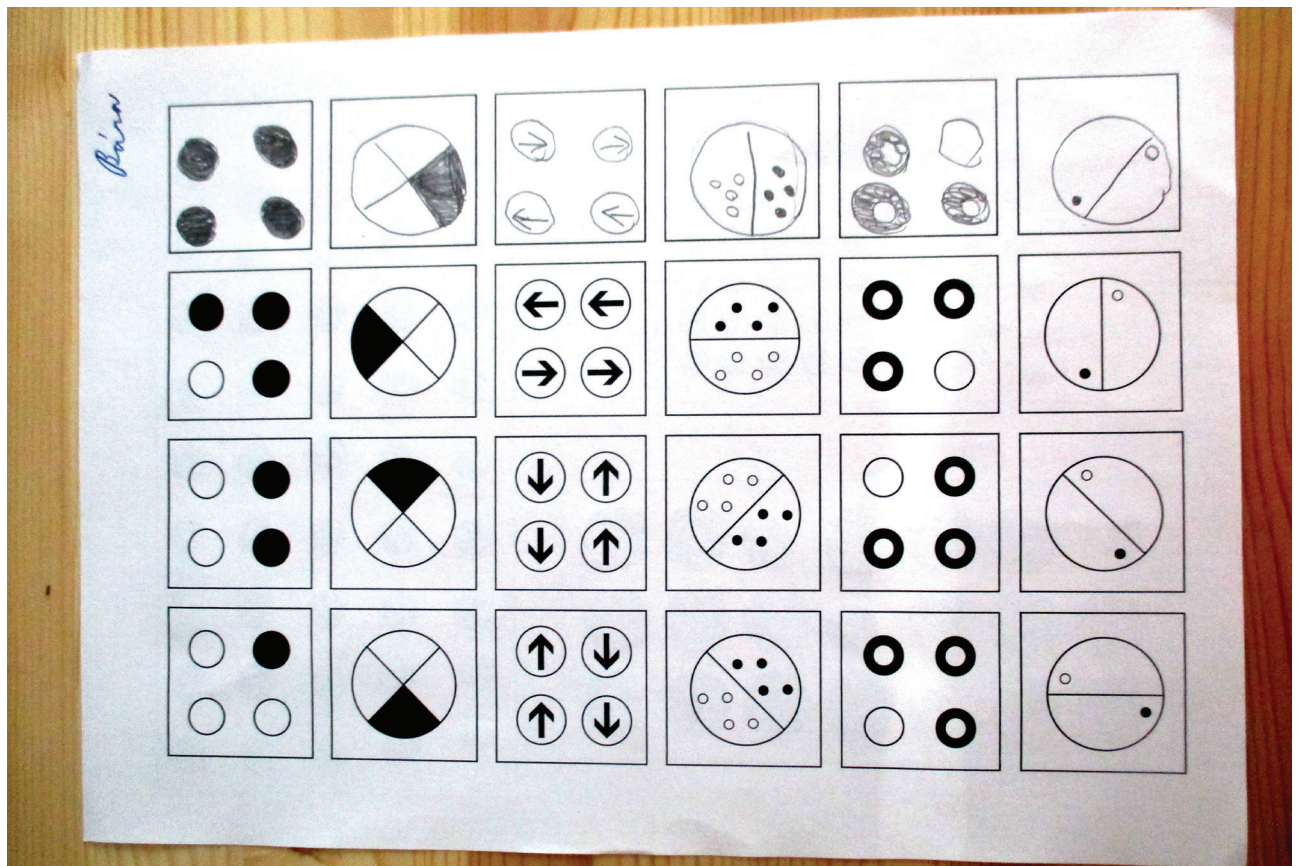
Pracovní list Bubáci



Pracovní list Matematické město



Pracovní list Hravá kolečka



Pracovní list Zmrzlinář

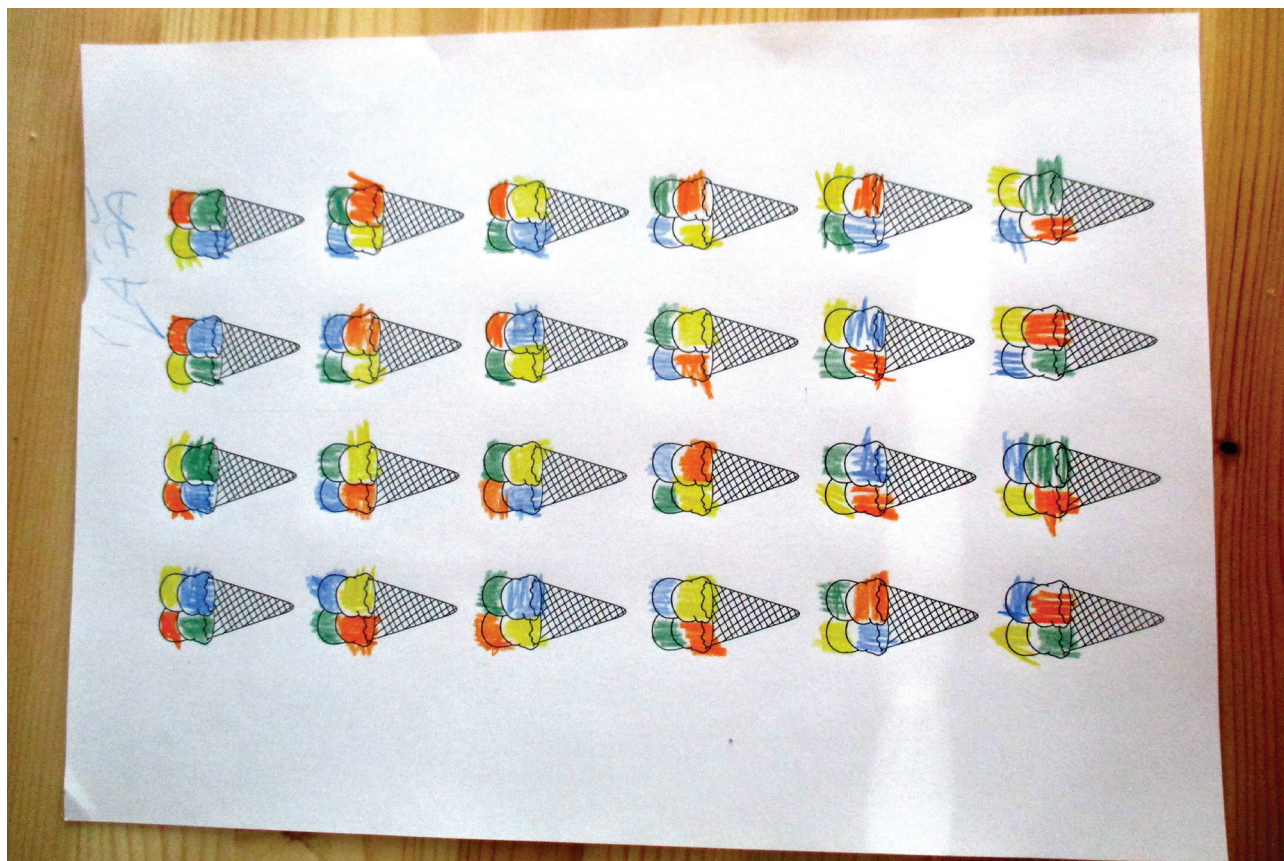
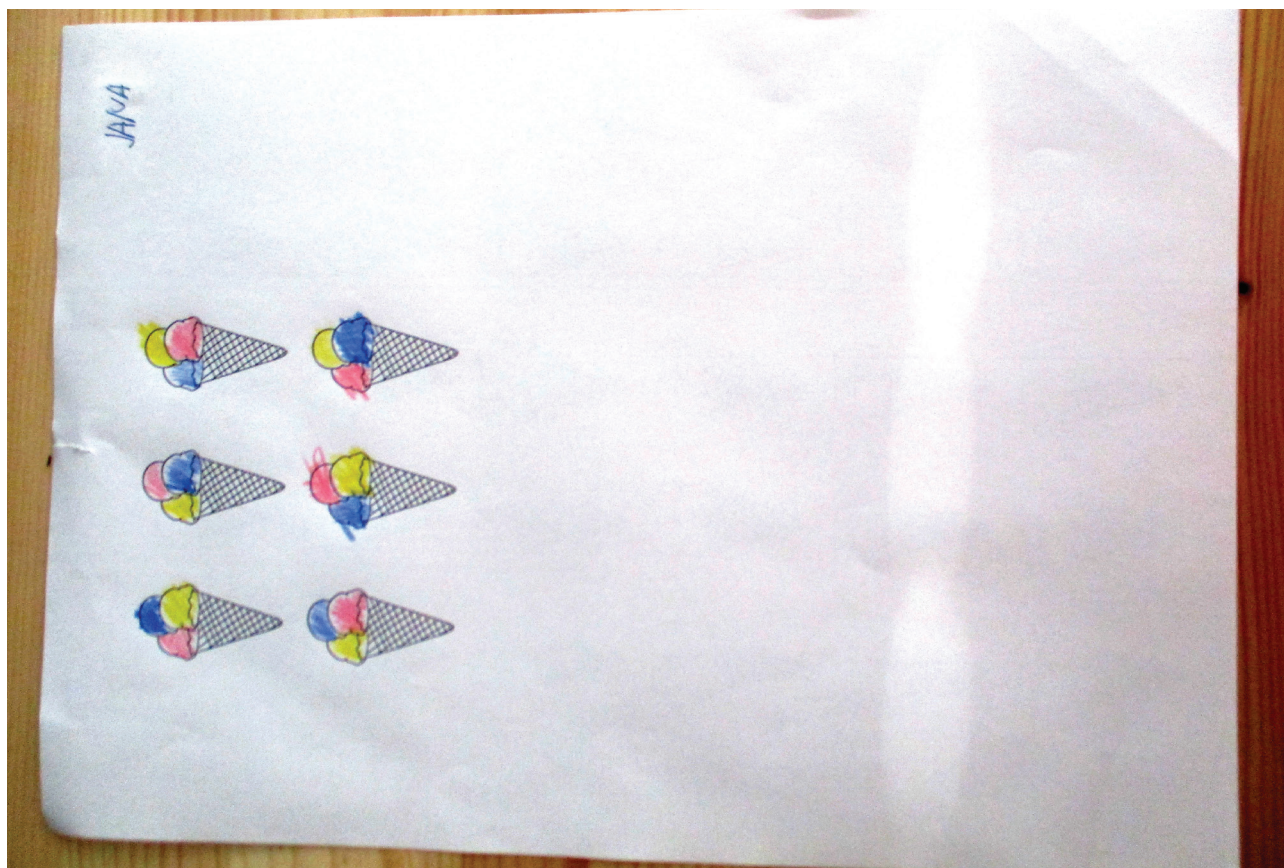




Foto 1 – Hra Autobus. Řidič a asistentka počítají na závěr cestující, kteří dojeli do výstupní stanice.



Foto 2 – Zapisovatelka pro kontrolu zapisuje příklad na tabuli.



Foto 3 – Ostatní děti zapisují průběh cesty a počítají na stíracích tabulkách.



Foto 4 – Děti s demonstračním krokodýlem. Pomáhal nám při porovnávání čísel.

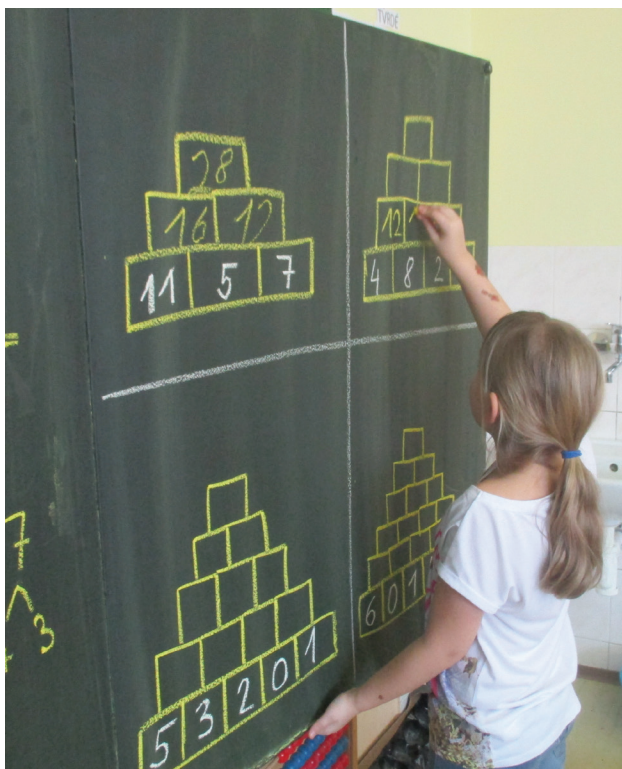


Foto 5 – Číselné pyramidy se nám osvědčují při podněcování početní gramotnosti.



Foto 6 – Hra Početní mraveniště. Procvičujeme odčítání.



Foto 7 – Procvičujeme sčítání.



Foto 8 – Společně kontrolujeme.



Foto 9 – Hra Bingo. Kontrolujeme a vyškrtáváme správné výsledky.



Foto 10 – Z počítání máme radost.



Foto 11 – Při aktivitě Dobře se dívej se zaměřujeme na trénink paměti a rozvíjení schopnosti „umění vidět“.



Foto 12 – Procházíme si s housenkou Krokařkou násobky.



Foto 13 – Své kroky pak zapisujeme v lavičích do pracovních listů.



Foto 14 – Hra Kam s tím? podněcuje logické a kombinatorické myšlení.



Foto 15 – Hra Mlsný králík učí děti orientovat se ve čtvercové síti.



Foto 16 – Aktivita Barevné cesty. Hledáme správné cesty a doplňujeme je na kartičce.



Foto 17 – Při hře Početní domino procvičujeme ve dvojicích sčítání a odčítání.



Foto 18 – „Šijeme“ deku z jednotlivých barevných dílů.



Foto 19 – Hra Sudý, nebo lichý? Slouží k seznámení s těmito pojmy.



Foto 20 – Hra Rybolov navozuje podnětné pracovní prostředí intenzivním procvičováním početních operací.



Foto 21 – Skládanka Tangram je vítanou příležitostí ke koordinaci ruky a oka.

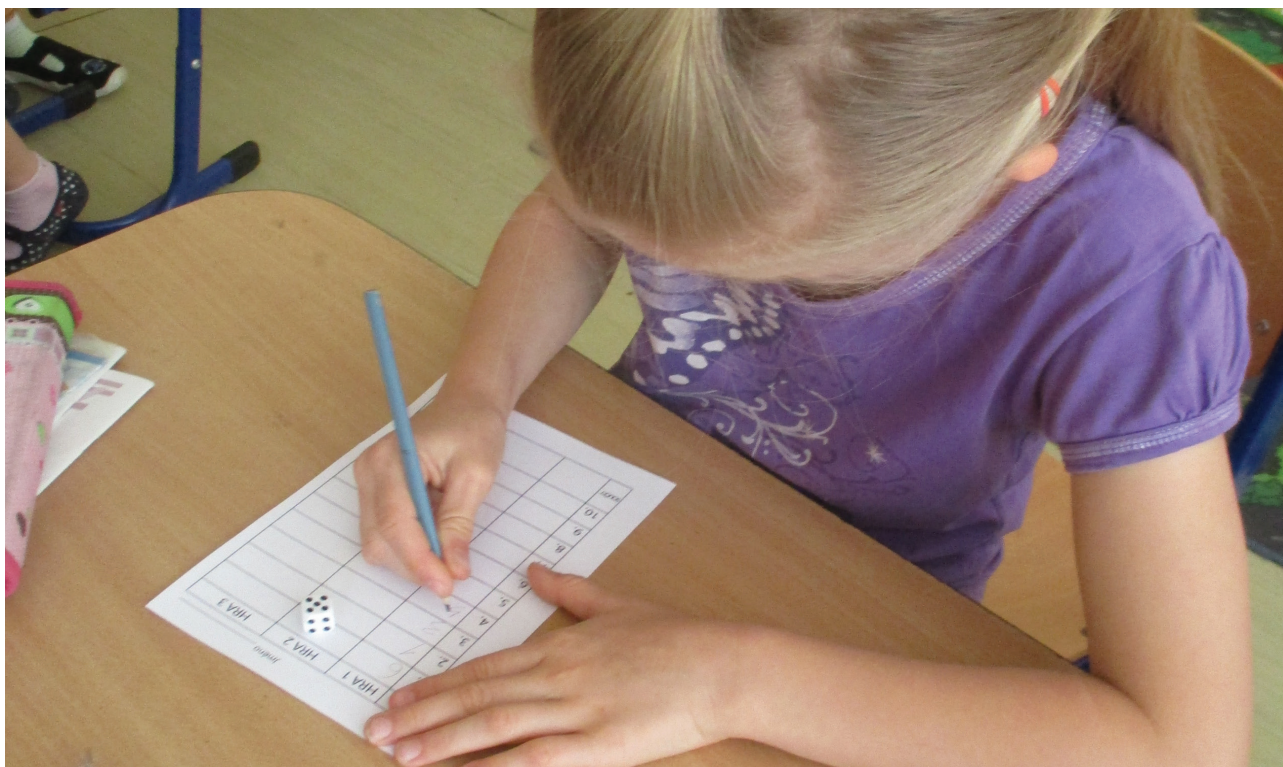


Foto 22 – Hra Součtové kostky. Trénujeme sčítání.



Foto 23 – Při aktivitě s terčem procvičujeme nejen pamětné počítání, ale také zručnost.



Foto 24 – Terč k aktivitě Kolik máš?



Foto 25 – Při aktivitě Dokážeš to? modelujeme podle zadání a vlastní fantazie. Učíme se tak orientovat v rovině a tvořivě myslet.

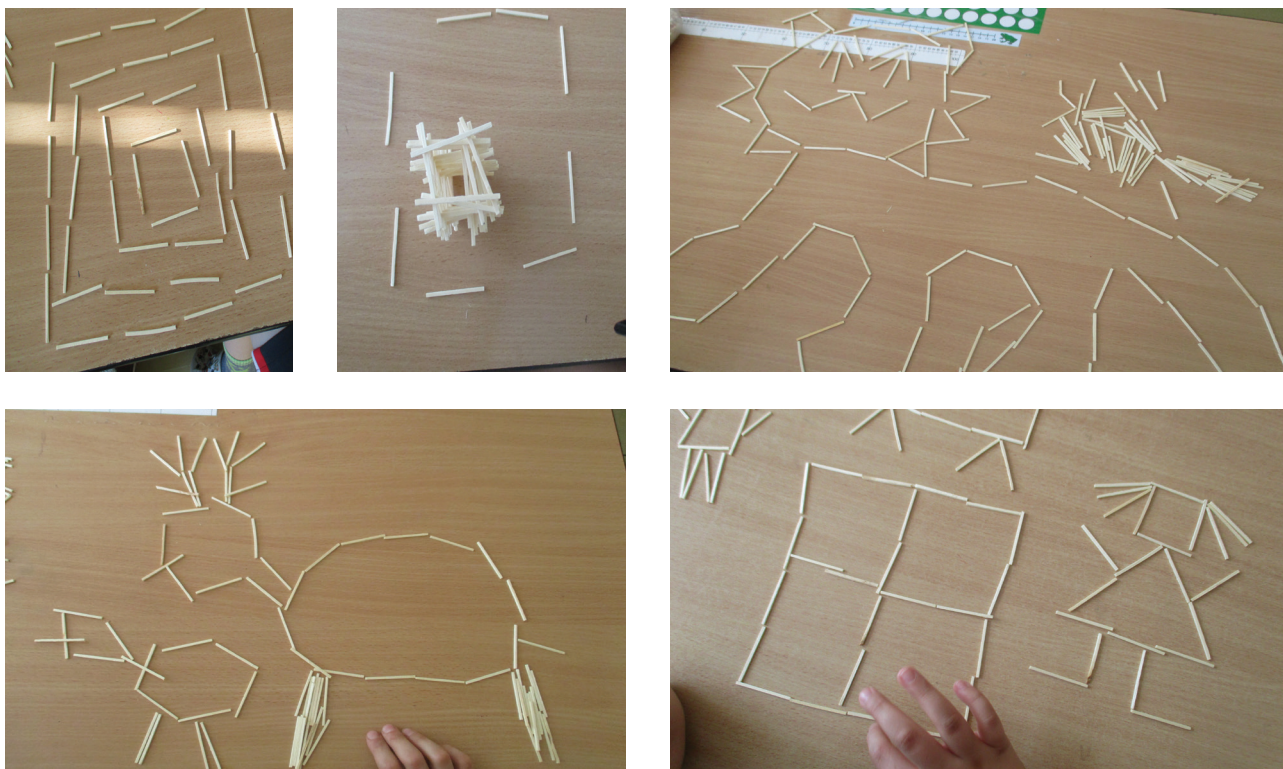


Foto 26 – Děti jsou nápadité. Sestavování obrázců je baví.