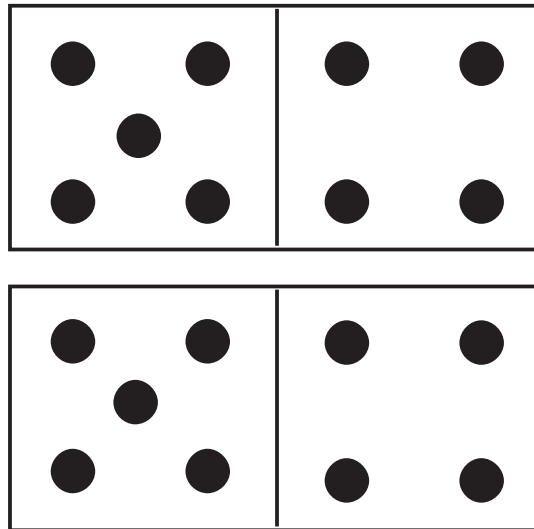
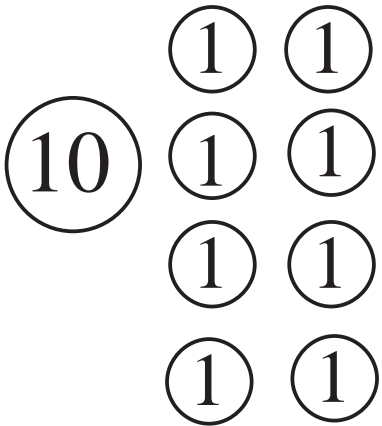
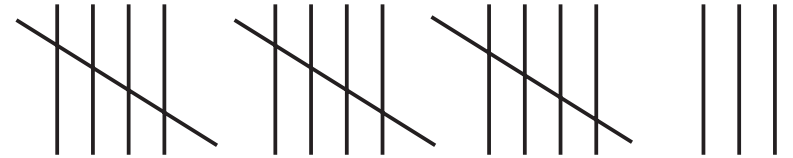
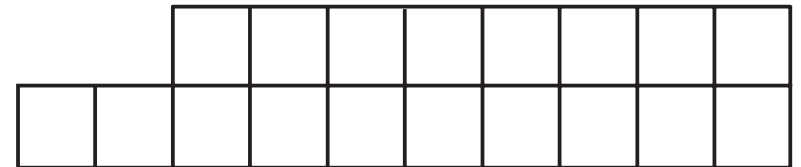


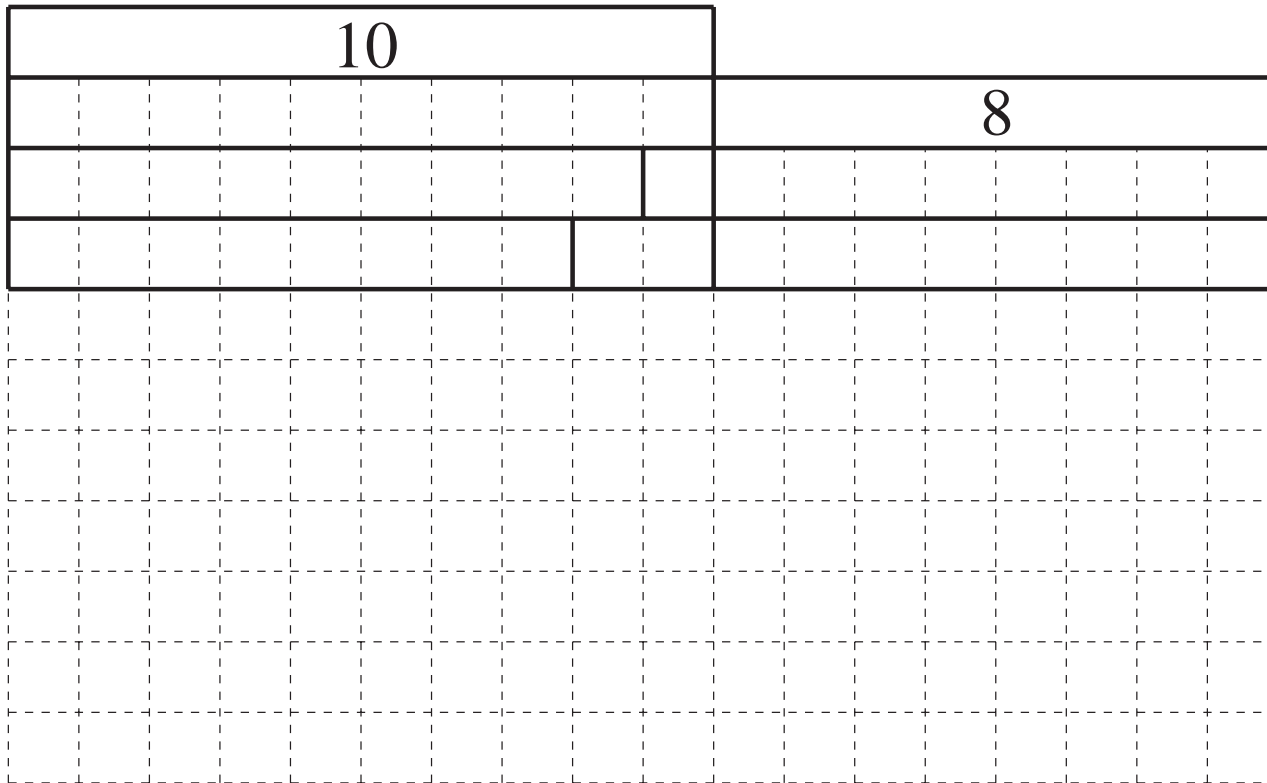
18

eighteen



XVIII

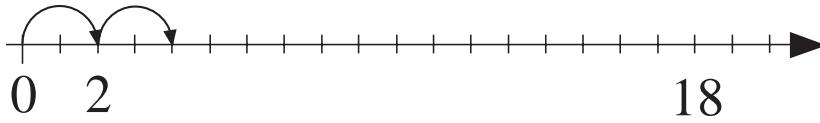




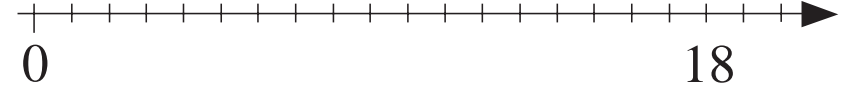
$10 + 8 = 18$
$9 + 1 + 8 = 9 + 9 = 18$
$8 + 2 + 8 = 8 + 10 = 18$



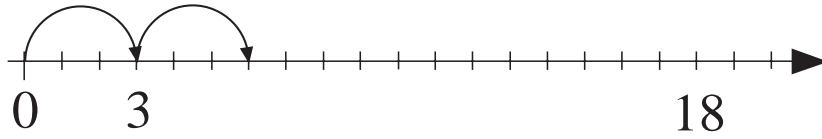
jumps 2



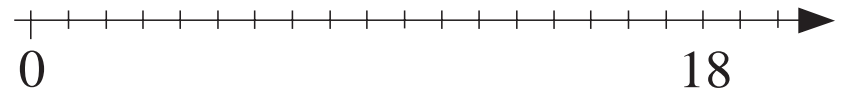
jumps 6



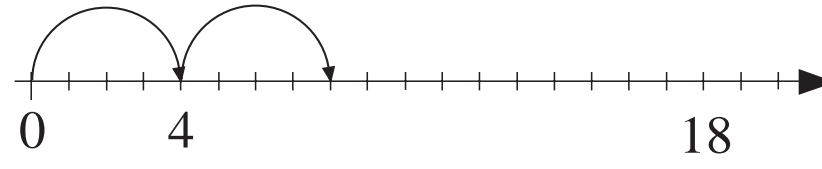
jumps 3



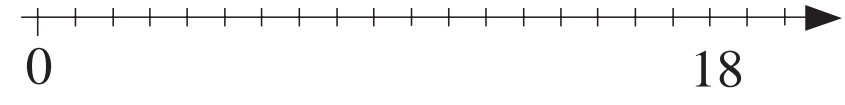
jumps 7



jumps 4



jumps 9



$$b + b = 18$$

$$b = \boxed{\phantom{000}}$$

$$17 < a < 19$$

$$a : \boxed{\phantom{000}}$$

$$9 \leq s < 10$$

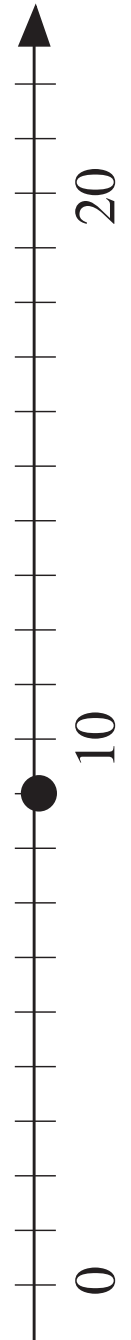
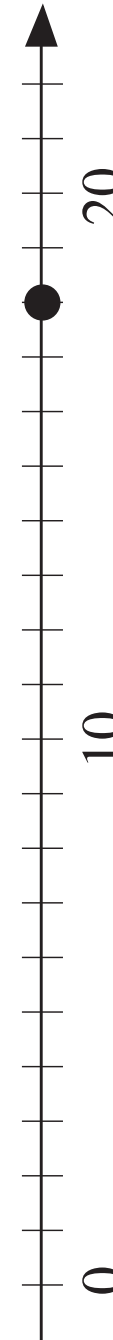
$$s : \boxed{\phantom{000}}$$

$$11 < u + 3 < 13$$

$$u : \boxed{\phantom{000}}$$

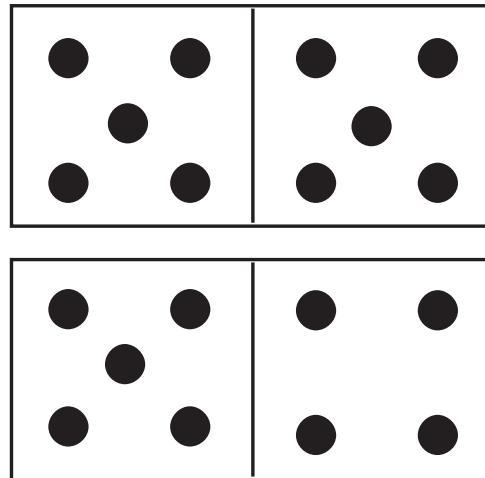
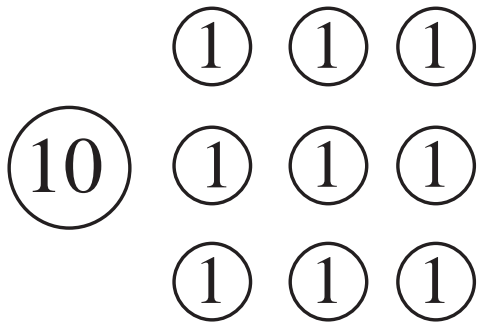
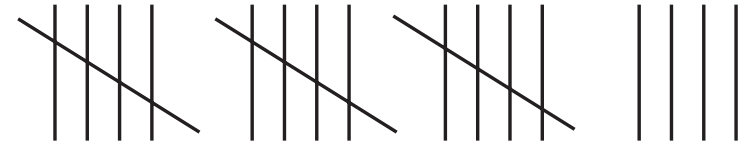
$$20 - k = 11$$

$$k = \boxed{\phantom{000}}$$

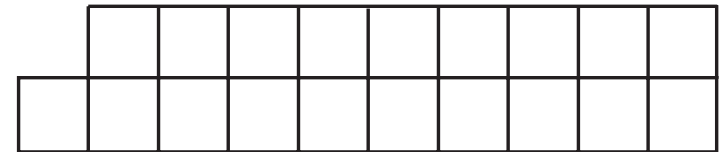


19

nineteen



XIX

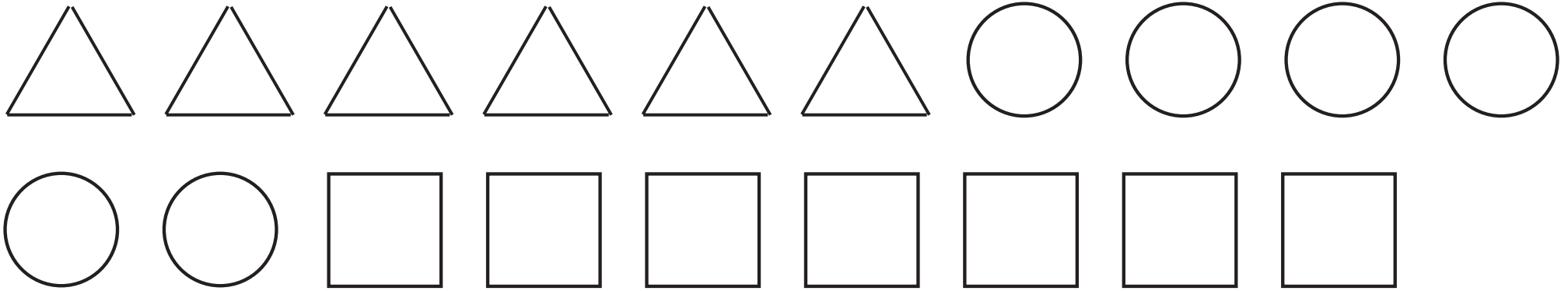




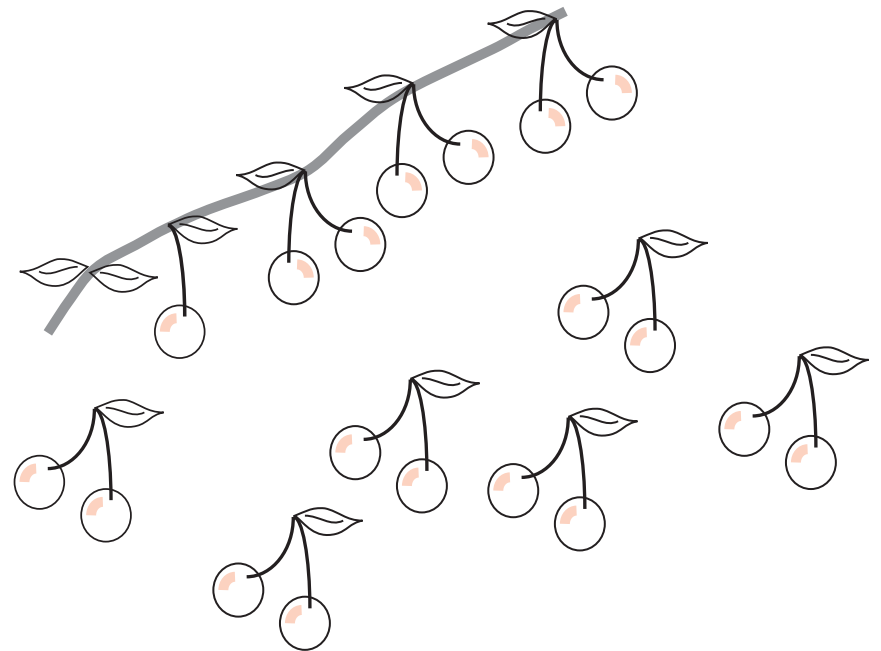
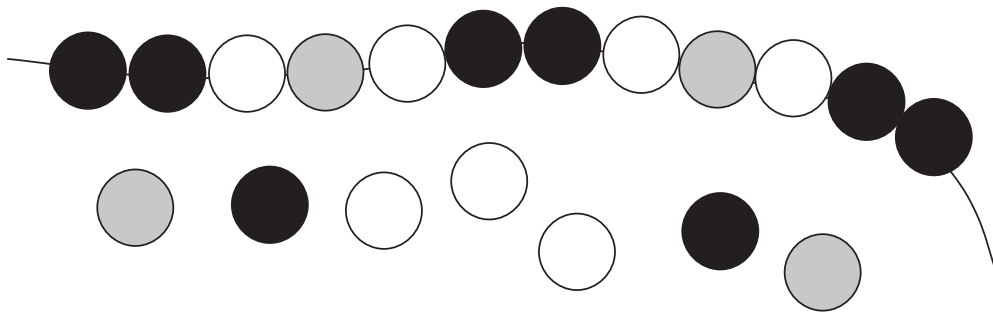
10									
								9	

A large grid of 10 columns and 10 rows. The top row is solid and contains the number 10. The second row is solid and contains the number 9. The remaining rows are solid. Below the solid grid is a dashed grid of 10 columns and 10 rows.

$10 + 9 = 19$
$9 + 1 + 9 = 9 + 10 = 19$
$8 + 2 + 9 = 8 + 11 = 19$



Colour can be added to give more complicated additions LP 143/5



LP 143/6a

$$4 + 7 + 8 = \square \square$$

$$\square \square - 7 = 4 + 8$$

$$19 - 4 - 7 = \square$$

$$19 - 12 = \square$$

$$19 - 7 = \square \square$$

$$\square \square - 4 - 8 = 7$$

$$7 + 12 = \square \square$$

$$12 + 7 = \square \square$$

$$\square + 7 = 19 - 4$$

$$19 - \square = 12$$

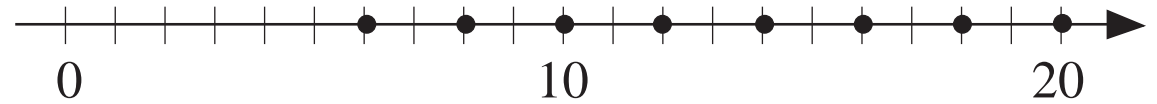
$$7 + \square + 4 = 19$$

$$19 - \square \square = 7$$

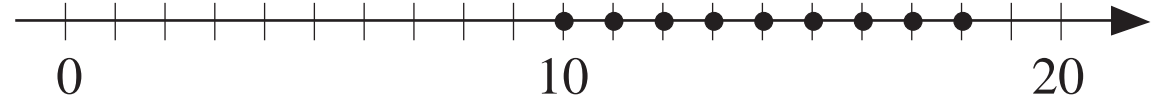


cost of 1 bunch	5	7			9			
cost of 2 bunches	10		8	12				
money left						3	13	

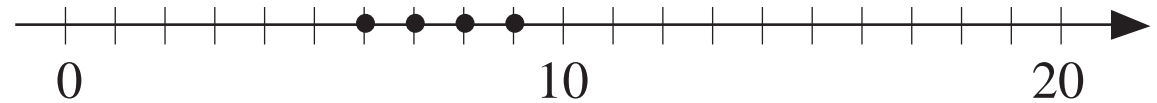
1-digit numbers greater than 5



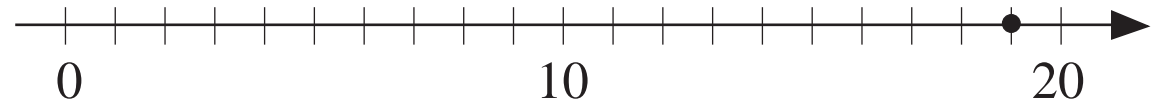
Even numbers greater than 5



2-digit numbers smaller than 19



Odd numbers not smaller than 19



$$16 < n < 20$$

 $n:$ 


$$18 > a - 2 > 14$$

 $a:$ 


$$13 < b < 18$$

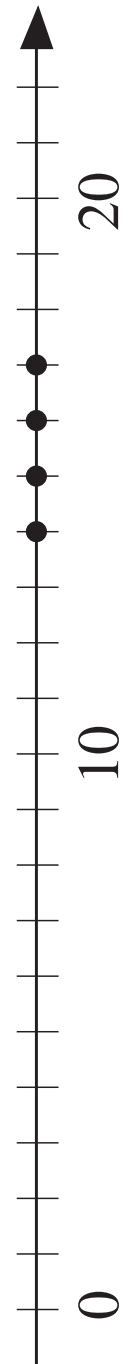
 $b:$ 


$$14 \leq s \leq 17$$

 $s:$ 


$$15 \leq u + 1 \leq 18$$

 $k:$ 



	+	
=	19	+
	+	

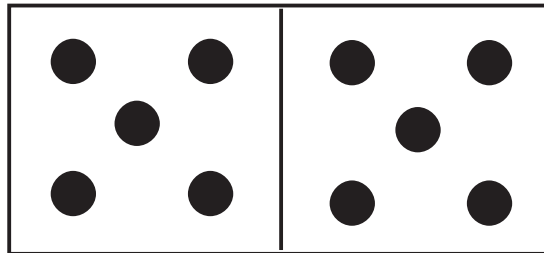
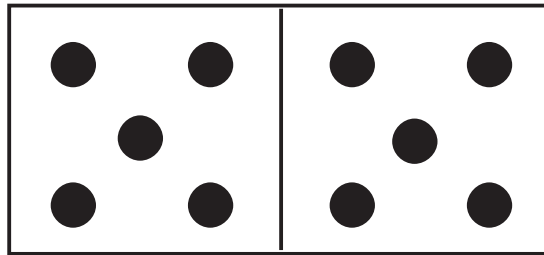
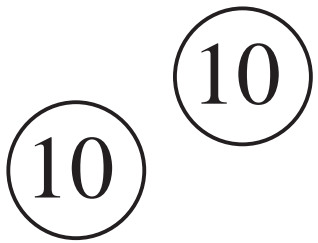
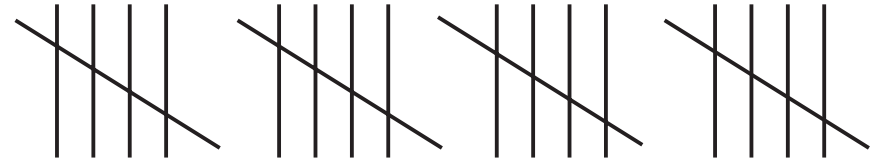
9		5
=	19	
7		8

	+		+	
-		+		-
	=	19	-	
-		+		-
	+		+	

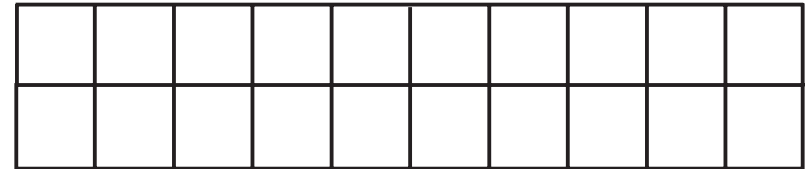
3		5	-	7
	3	-	4	
2	=	19	-	1
		+		
4		5		2

20

twenty



XX





$$a + b = \begin{array}{|c|c|} \hline & \\ \hline \end{array} \quad \begin{array}{|c|c|c|c|c|c|} \hline & & & & & & \\ \hline \end{array} \quad \begin{array}{|c|c|c|c|c|c|} \hline & & & & & & \\ \hline \end{array}$$

<i>a</i>	1	5	14		2	9	11		13		8	10			7		17		19		0
<i>b</i>	19			5				8		17			4	16		14		2		0	

LP 146/4

5	5	1
2		

5	2
1	1

10	2
2	

5	2
1	

10	1

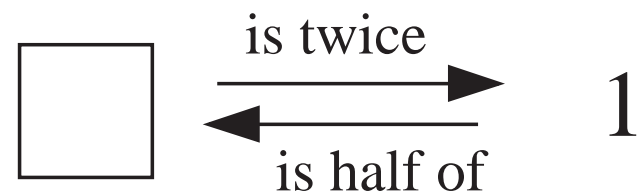
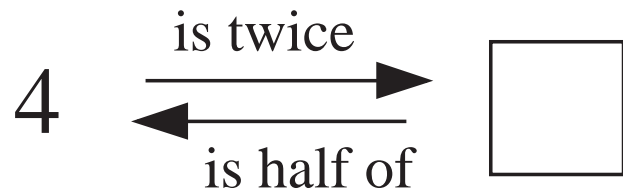
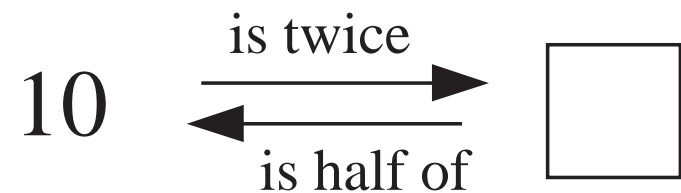
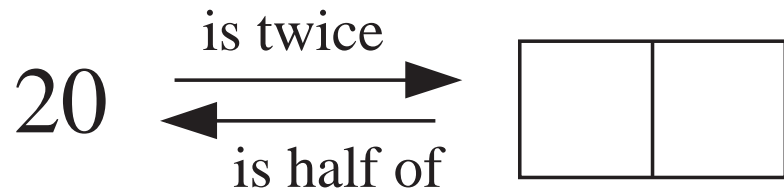
5
1

2	2	1
2		

5	2
5	

LP 146/5

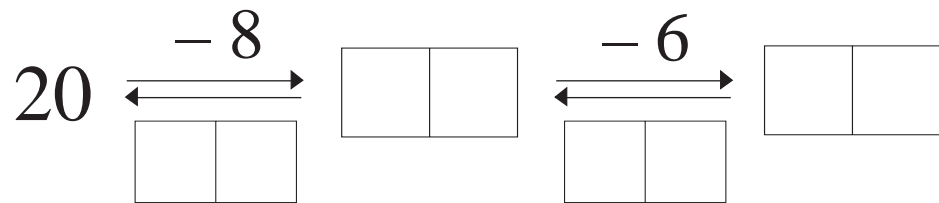
20																			



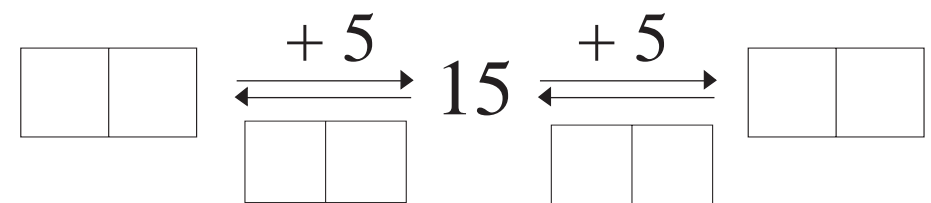
<i>a</i>	9	3		8	2		7	8	9	11	9		2		7
<i>b</i>	1	2	3	6	6	2		3	9	4	4	8	7	5	7
<i>c</i>	10		5			14	5					8		6	

LP 147/6

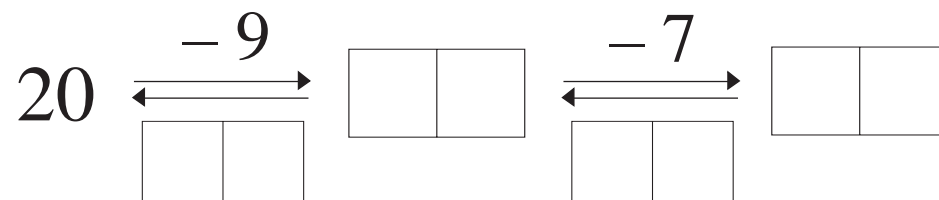
a)



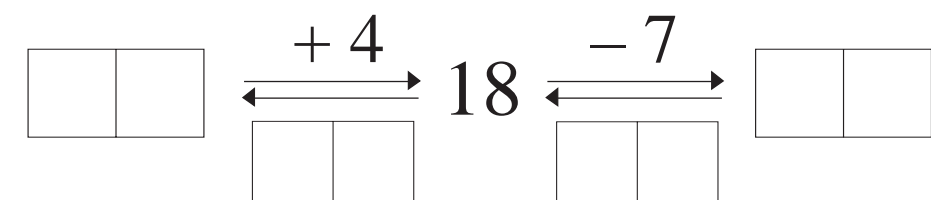
b)



c)



d)



LP 148/4

$$20 - s > 9$$

 $s :$ 


$$20 - a < 11$$

 $a :$ 


$$r + r \leq 20$$

 $r :$ 


$$z + 9 < 20$$

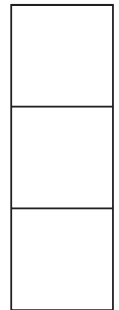
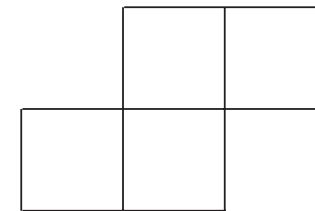
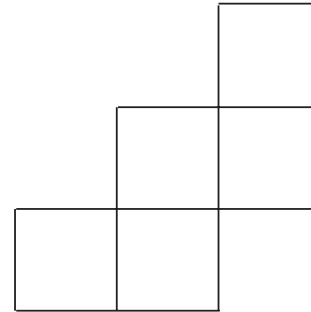
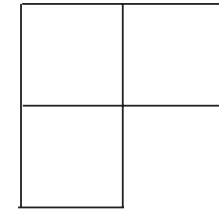
 $z :$ 


$$k - 9 > 0$$

 $k :$ 



3	8	5	9	2	8	4	3	0	9
7	4	1	7	1	8	6	9	7	9
7	3	8	7	9	1	6	9	3	2
3	0	7	9	3	8	7	1	8	8
8	7	3	6	3	7	0	9	5	8
8	6	7	5	9	2	7	7	6	5



a)

$$\underbrace{10 + 7}_{\square \square} <_3 \underbrace{10 + \square \square}_{\square \square}$$

b)

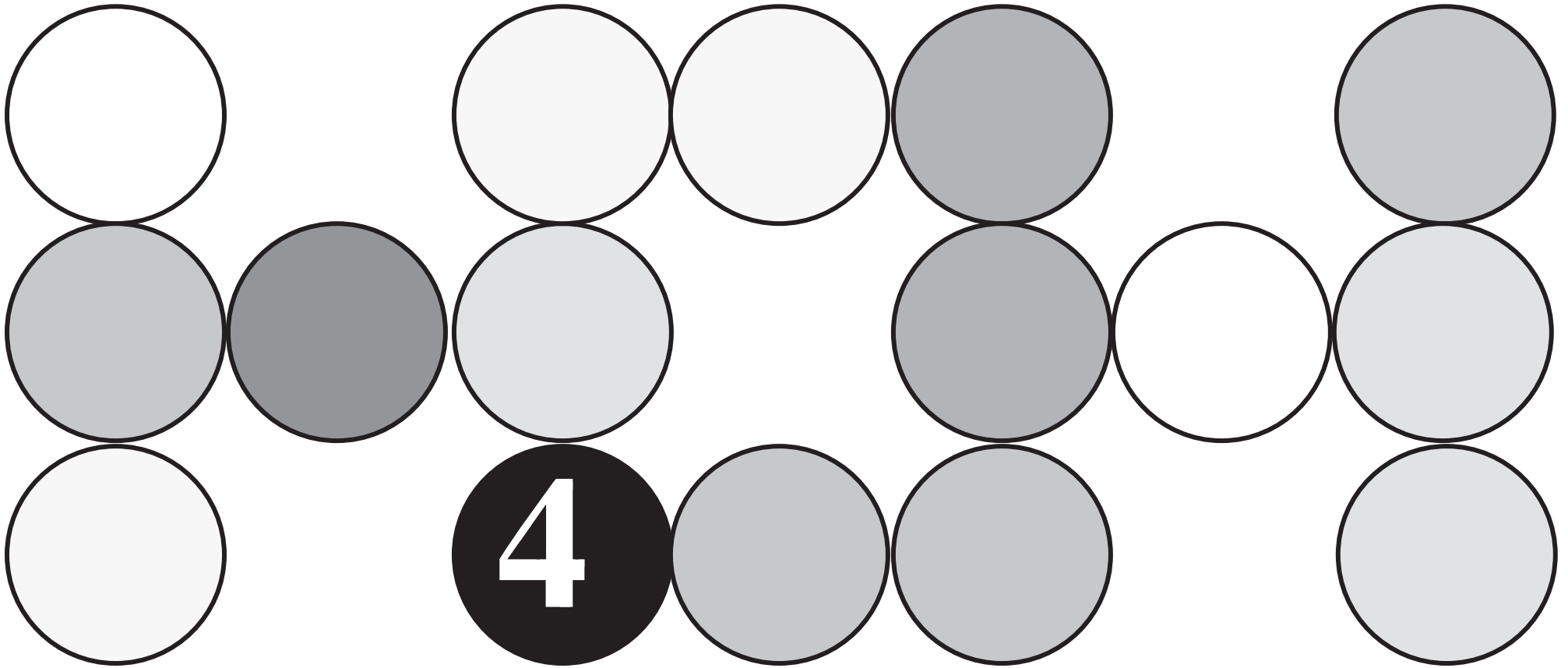
$$\underbrace{7 + \square \square}_{\square \square} <_2 \underbrace{9 + 11}_{\square \square}$$

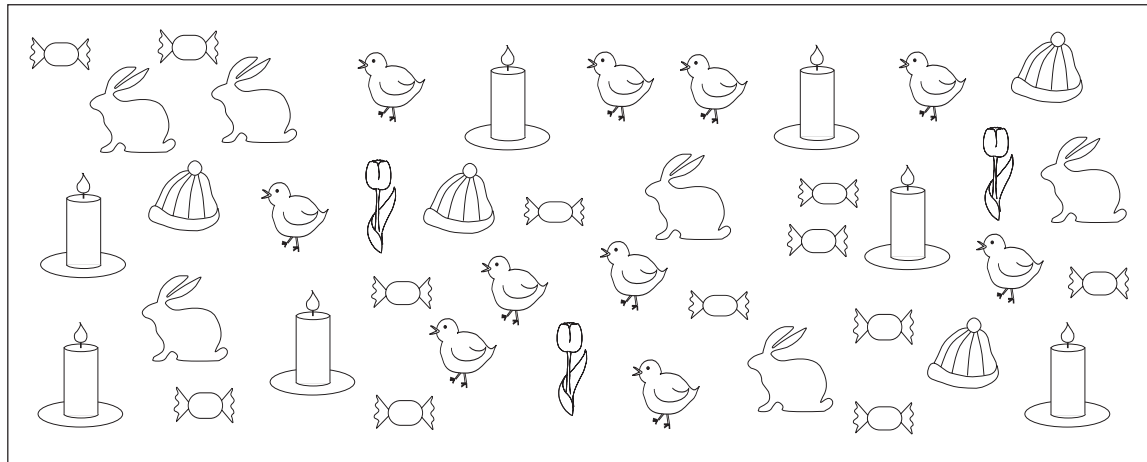
c)







$$\underbrace{20 - 8}_{\square \square} = \underbrace{20 - \square \square}_{\square \square}$$

d)

$$\underbrace{\square \square - 8}_{\square \square} \overset{4}{>} \underbrace{16 - 8}_{\square \square}$$





										
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

10	1
1	1
1	1
1	

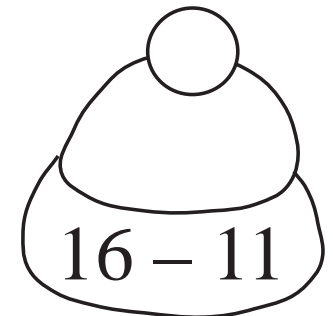
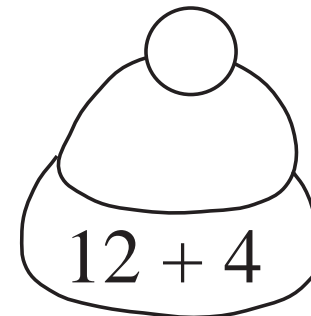
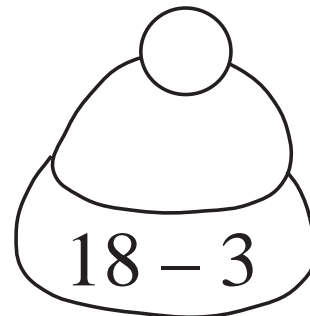
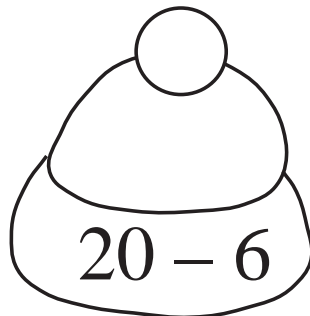
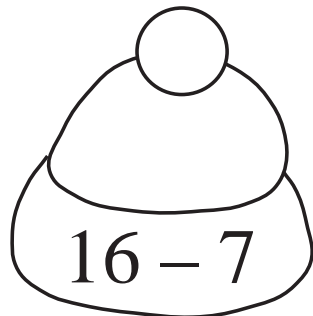
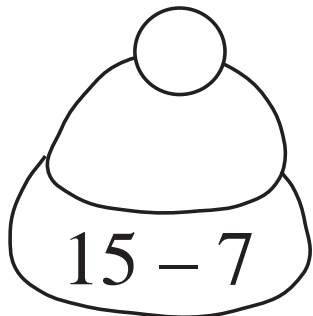
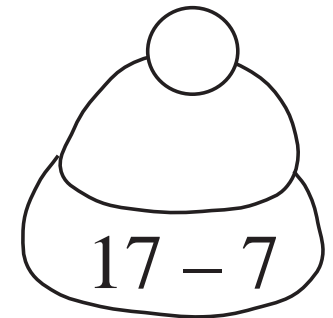
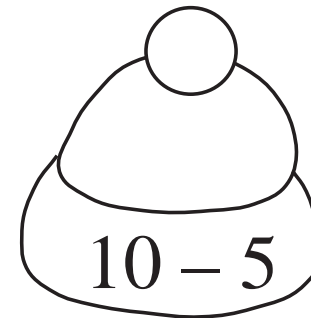
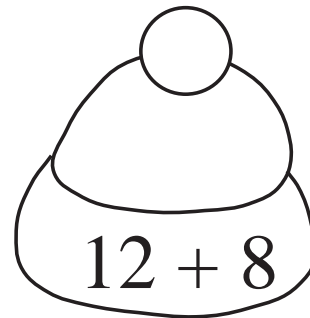
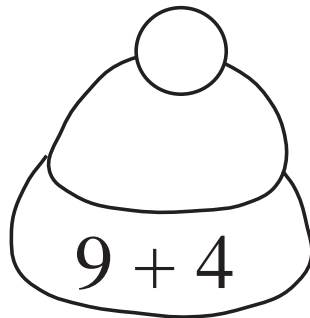
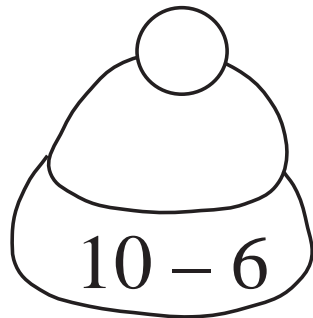
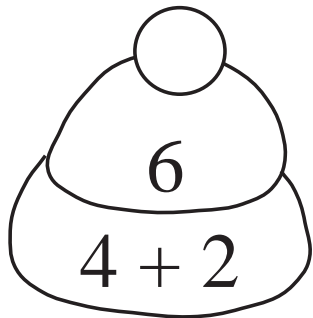

10	1
1	1
	1
1	1


10	1	
1	1	1
1	1	
	1	1
1		


10	
	10


10	1
1	1
	1
1	1
1	1

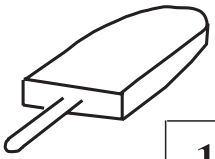

10	1	
1	1	1
1	1	1
1	1	

Even:  ROdd:  B1-digit:  R2-digit:  Y



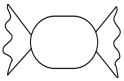
20 p

10 1 1 1  
1 1 1 1  
1 1 1 1



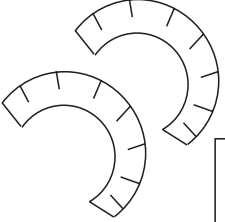
15 p

10 1 1 1  
1 1 1 1  
1 1 1 1



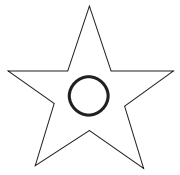
12 p

10 1 1 1  
1 1 1 1  
1 1 1 1




18 p

10 1 1 1  
1 1 1 1  
1 1 1 1



16 p

10 1 1 1  
1 1 1 1  
1 1 1 1



19 p

10 1 1 1  
1 1 1 1  
1 1 1 1



<i>a</i>	6	16	6	1		11	4	14			14	14			
<i>b</i>	2	2	12	7	7			5	15	3		3			
<i>c</i>	8	18	18		18	18	9		19	7	17				

--	--	--	--	--

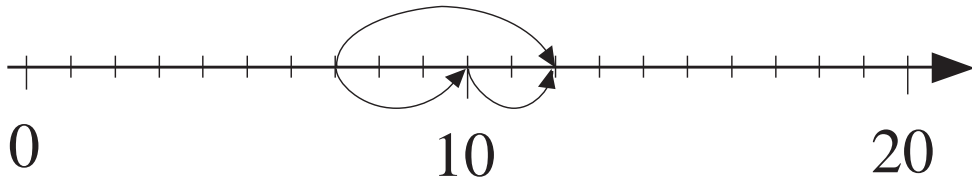
--	--	--	--	--

--	--	--	--	--

a)

$$7 + 5 = \boxed{\phantom{00}}$$

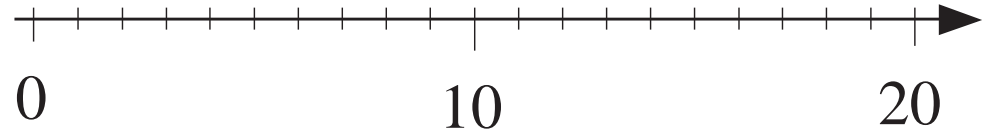
$$7 + 3 + \boxed{\phantom{00}}$$



b)

$$6 + 7 = \boxed{\phantom{00}}$$

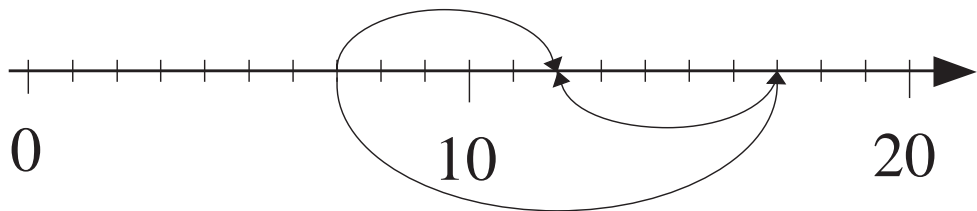
$$6 + 3 + \boxed{\phantom{00}}$$



c)

$$7 + 5 = \boxed{\phantom{00}}$$

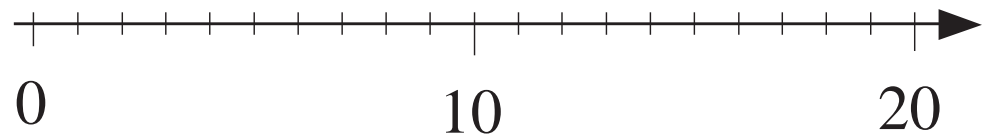
$$7 + 10 - 5$$


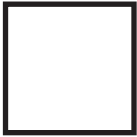



d)

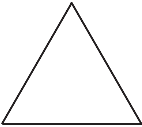
$$6 + 7 = \boxed{\phantom{00}}$$

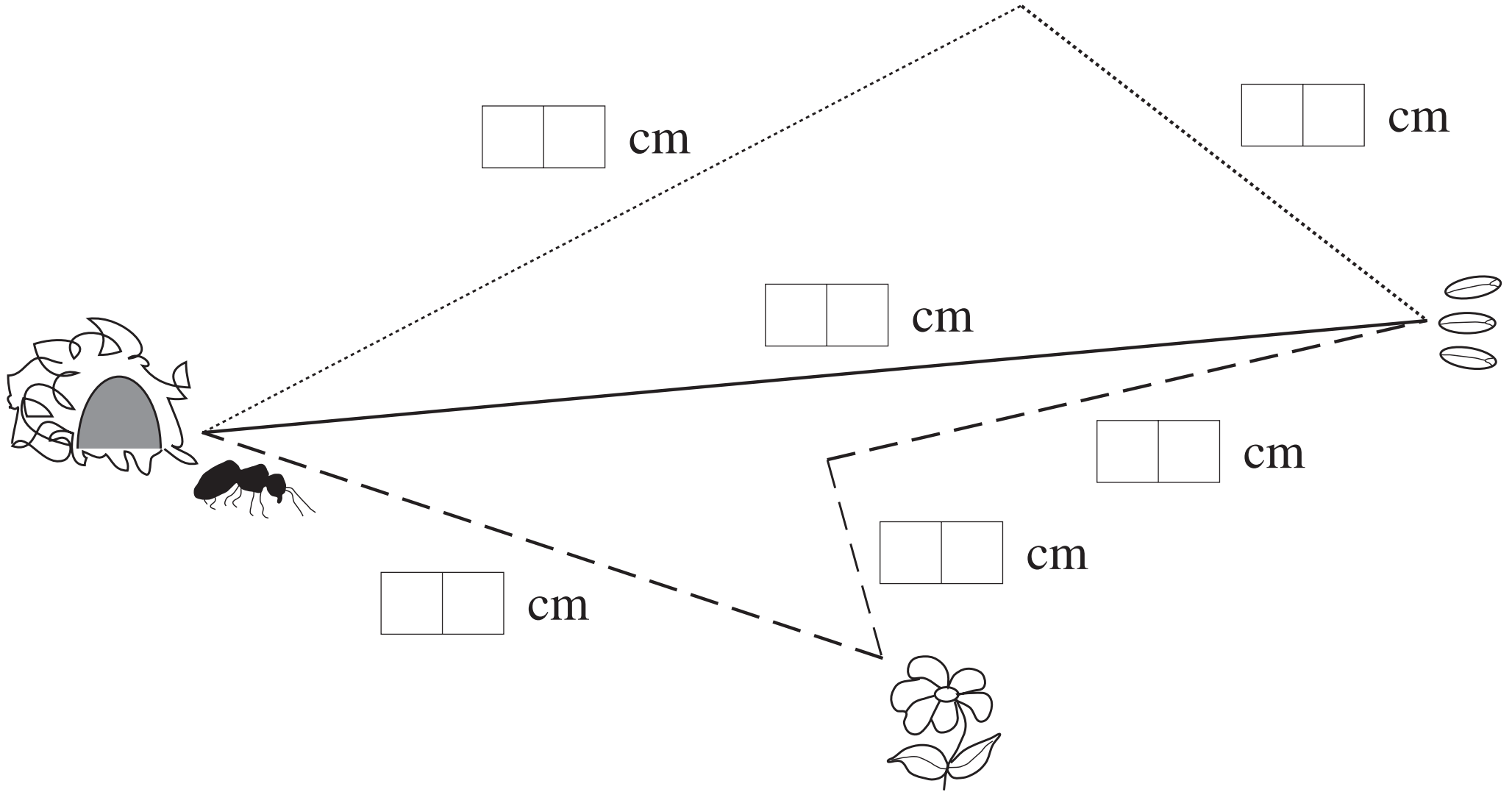
$$6 + 10 - \boxed{\phantom{00}}$$

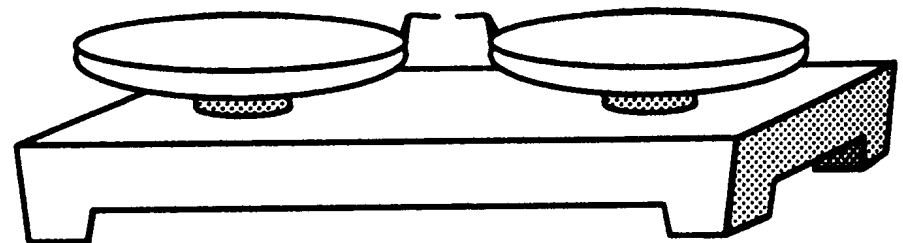
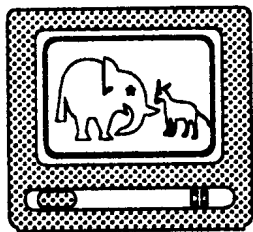
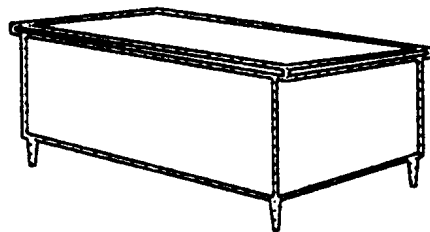
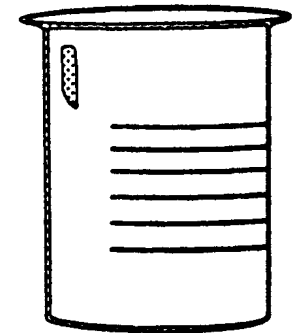
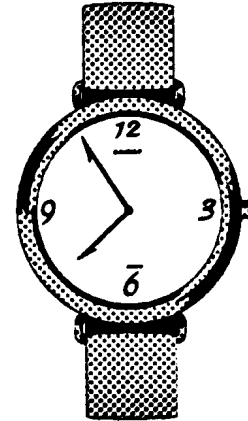
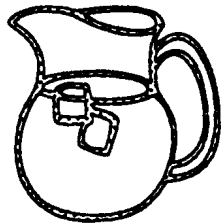
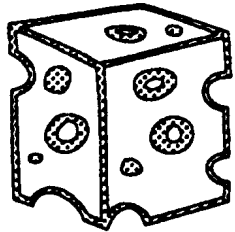


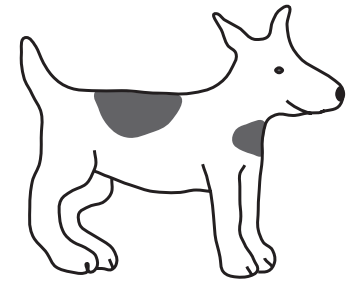
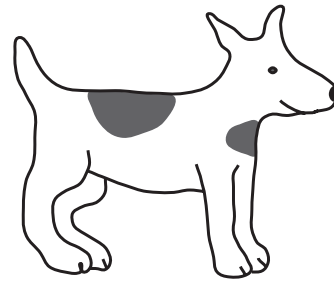
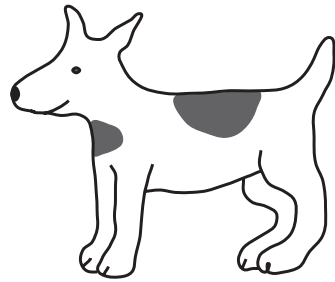
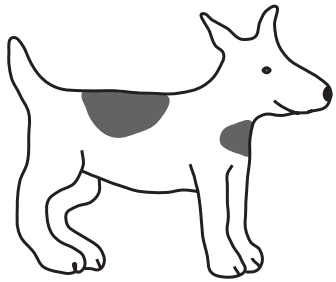
	19	15			20	12	6	
	13	9	8	14				2

	=			
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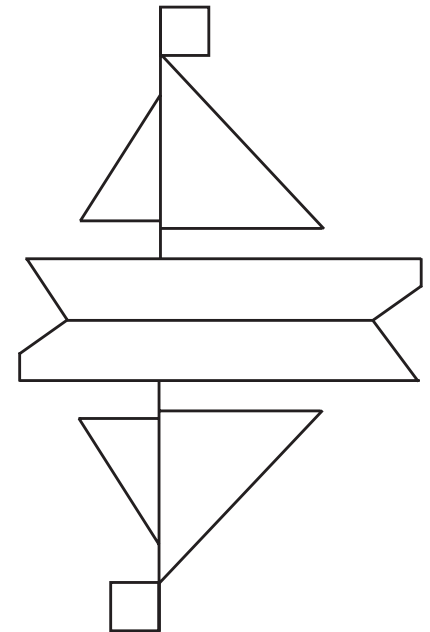
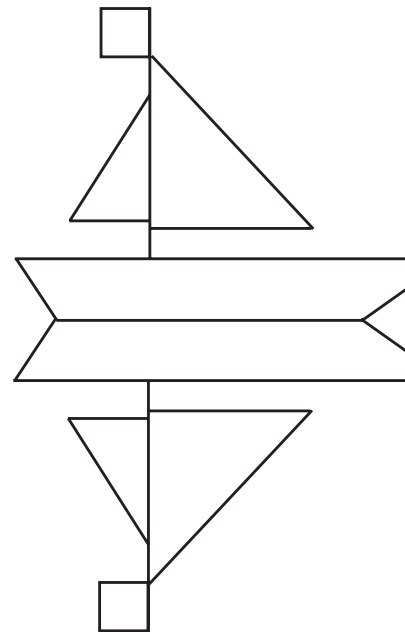
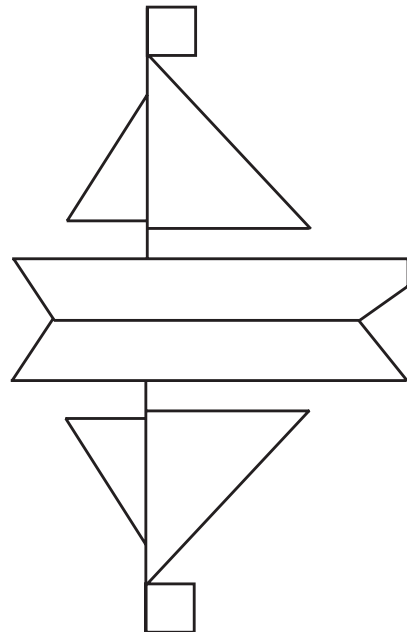
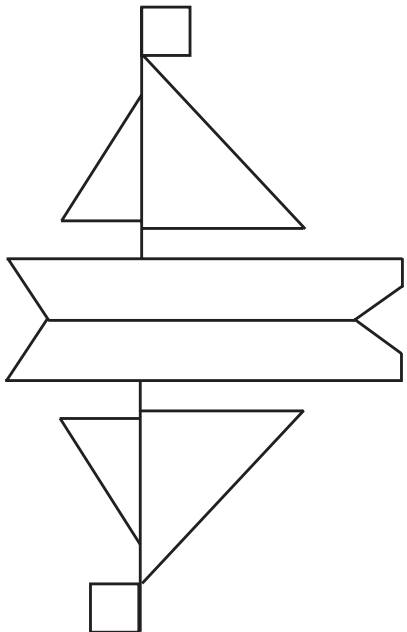
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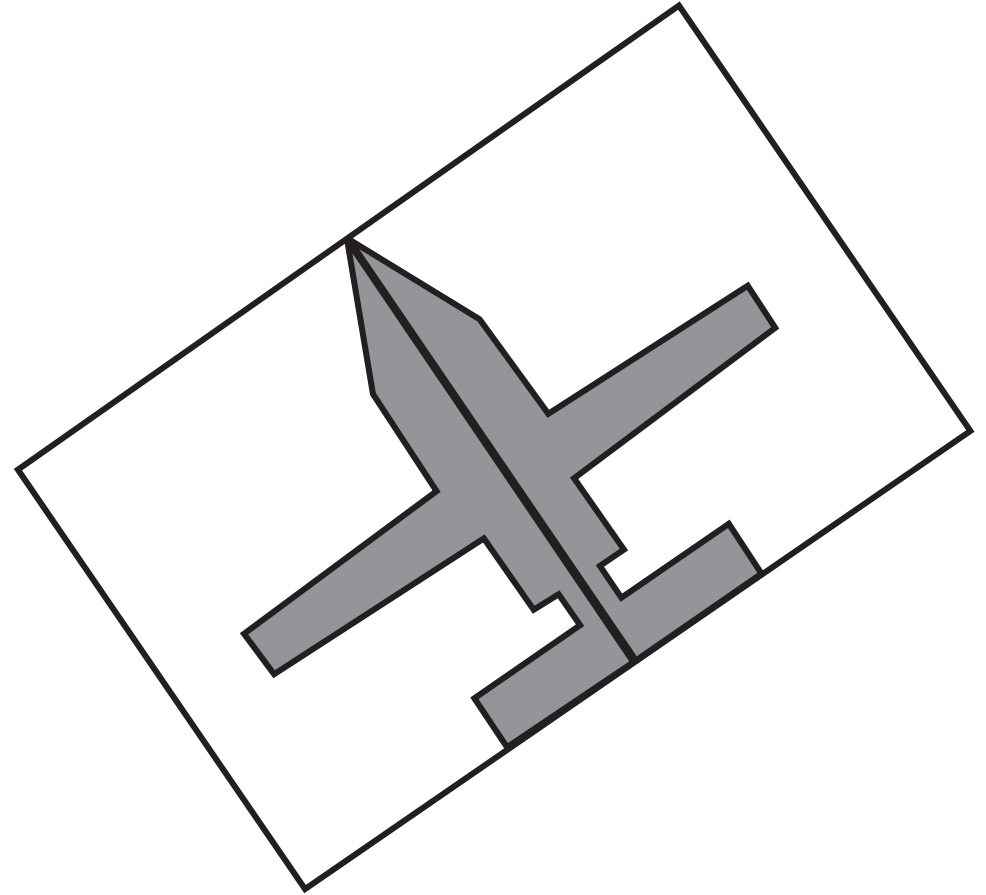
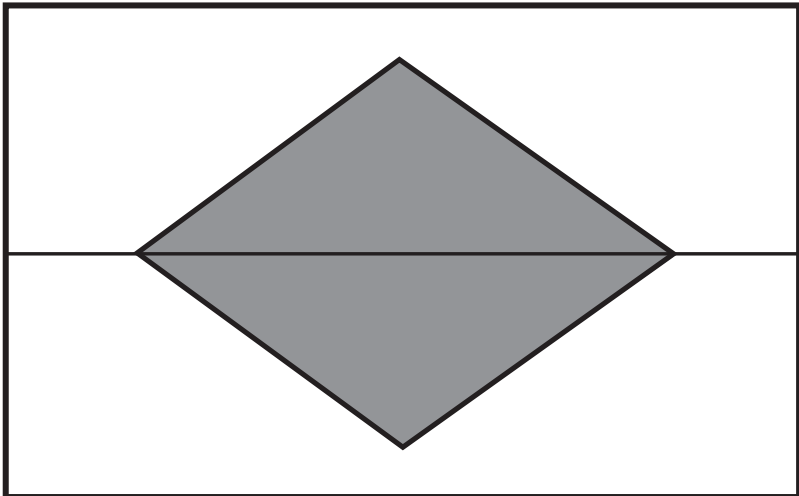
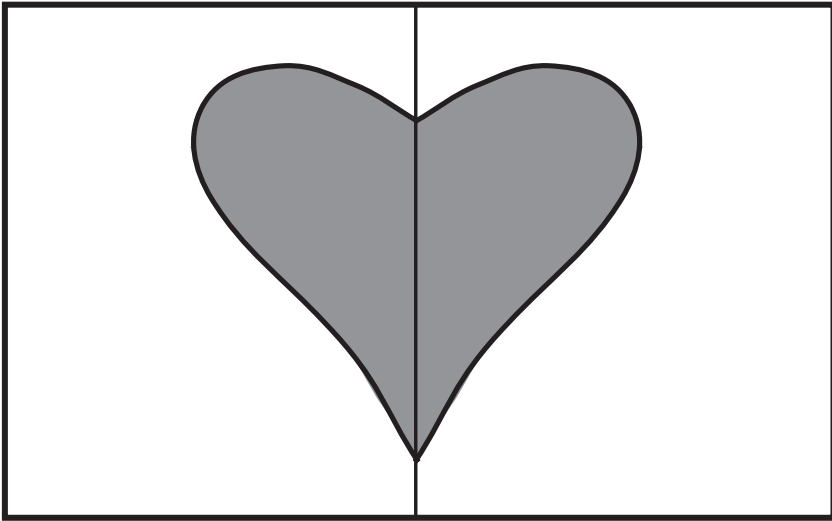




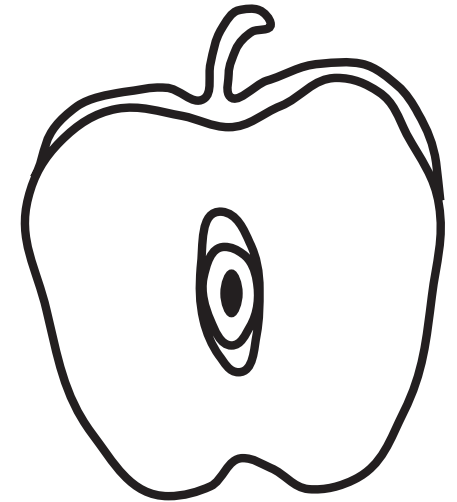
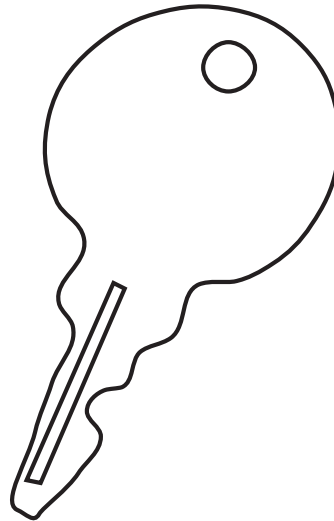
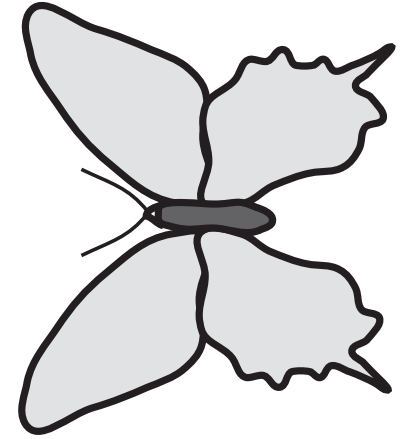
LP 158/2a

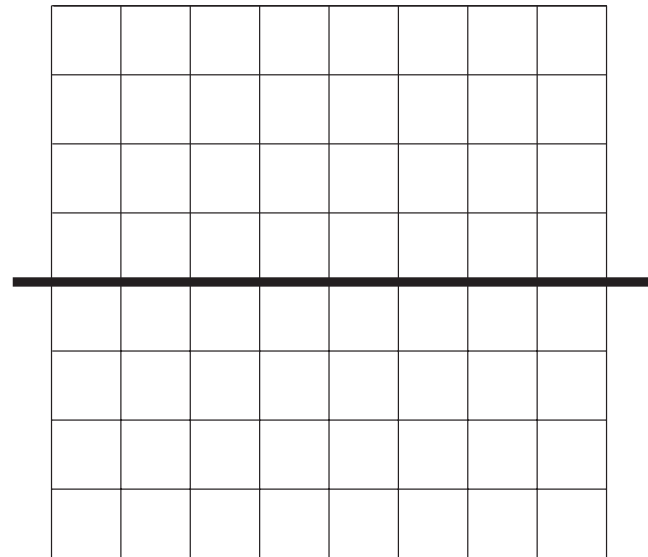
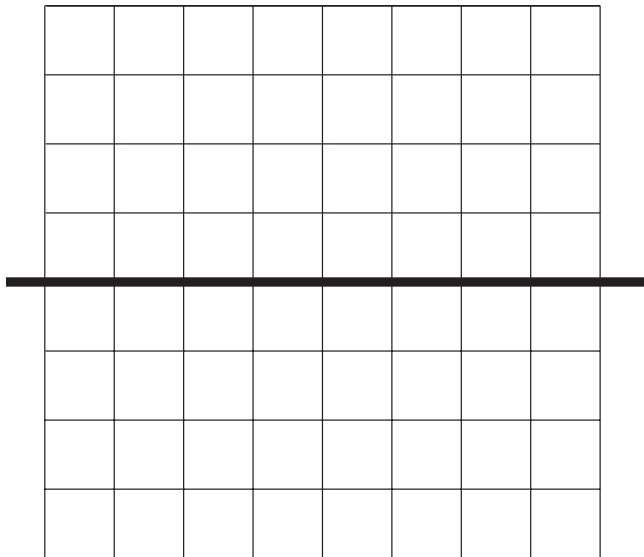
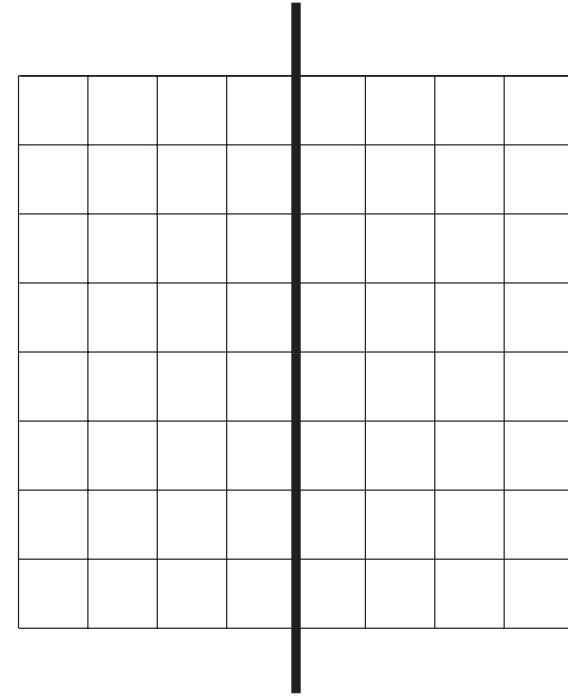
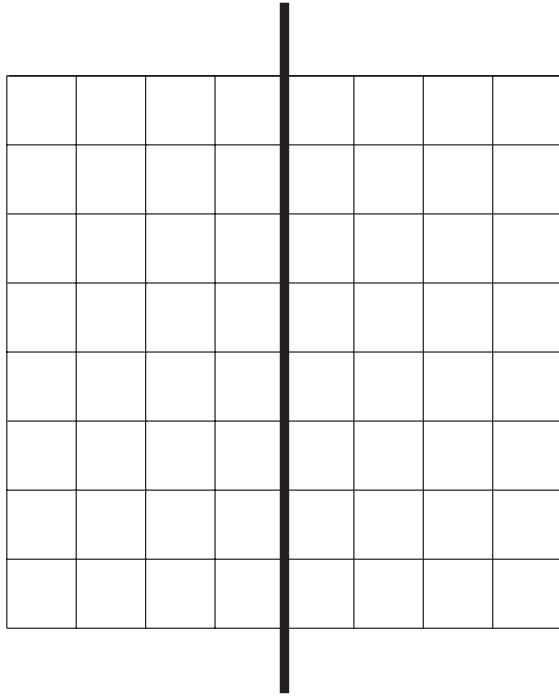


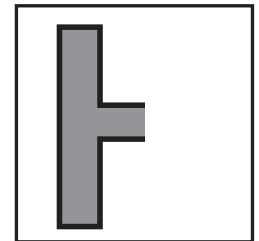
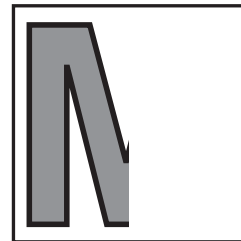
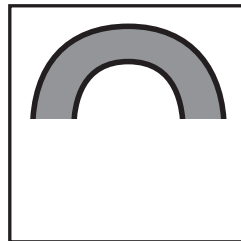
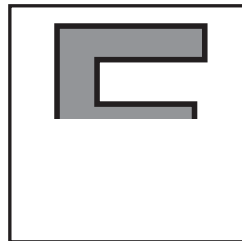
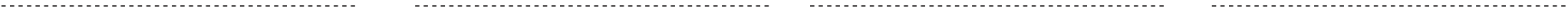
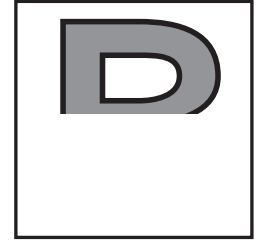
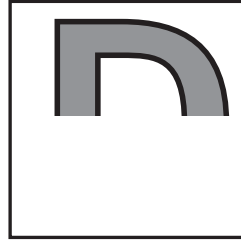
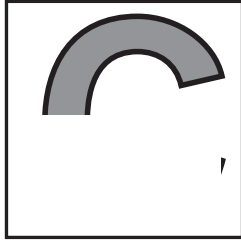
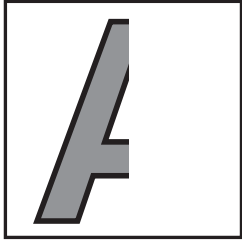
LP 158/2b

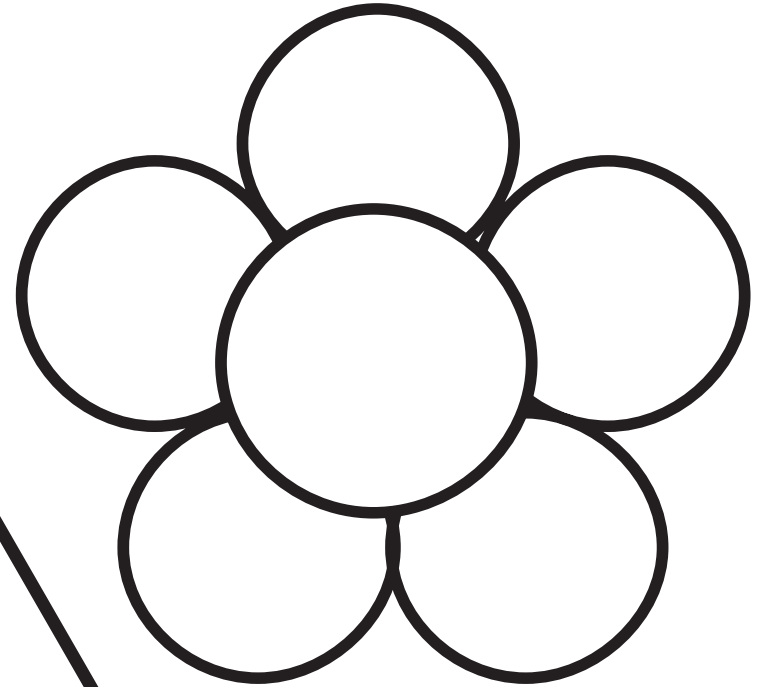
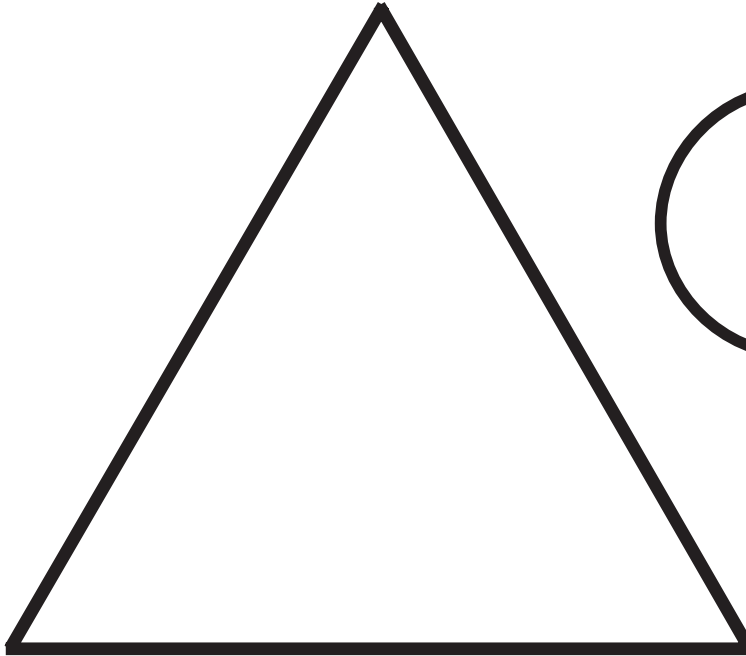
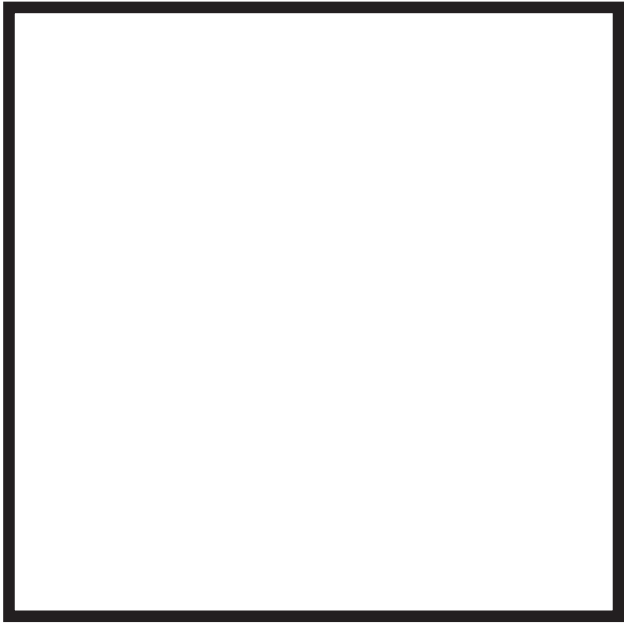




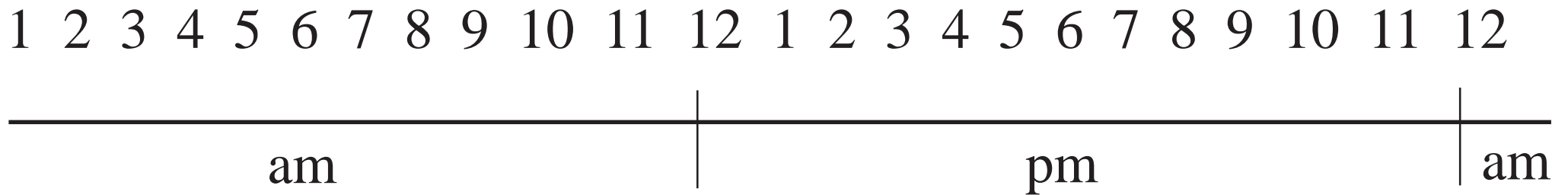




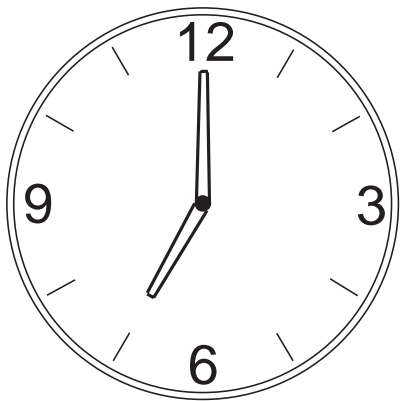




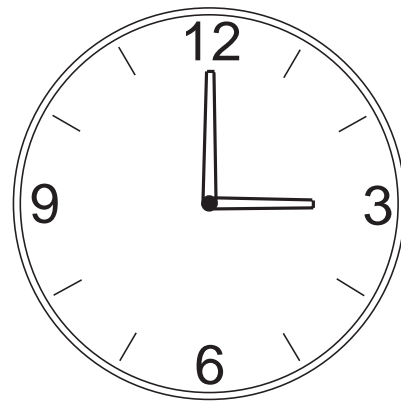
# Hours in a day



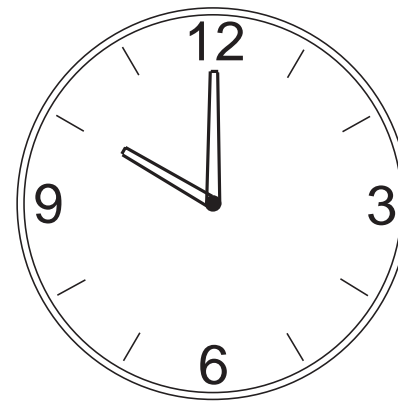
LP 161/1



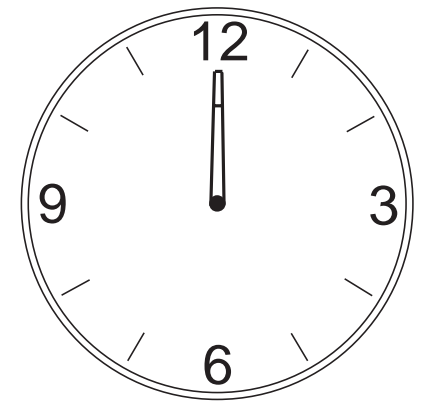
..... o'clock



..... o'clock



..... o'clock



..... o'clock

LP 161/2

breakfast

at school

Christmas

tea

New Year's day

morning

waking up

Easter

mid-day

going to bed

summer holiday

noon

afternoon

lunch

dinner

evening

St. Valentine's  
Day

sunrise

night

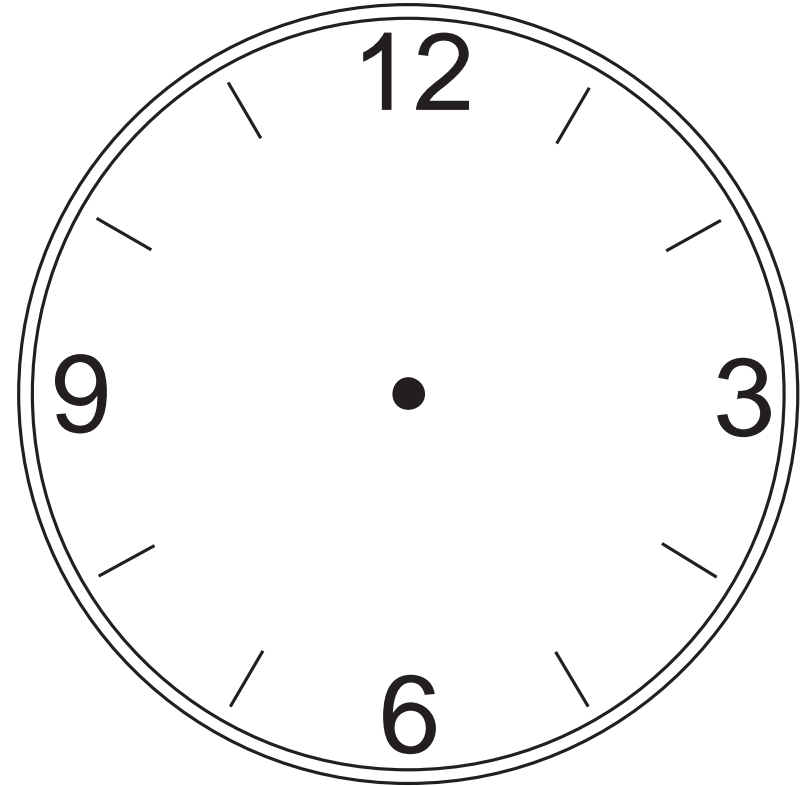
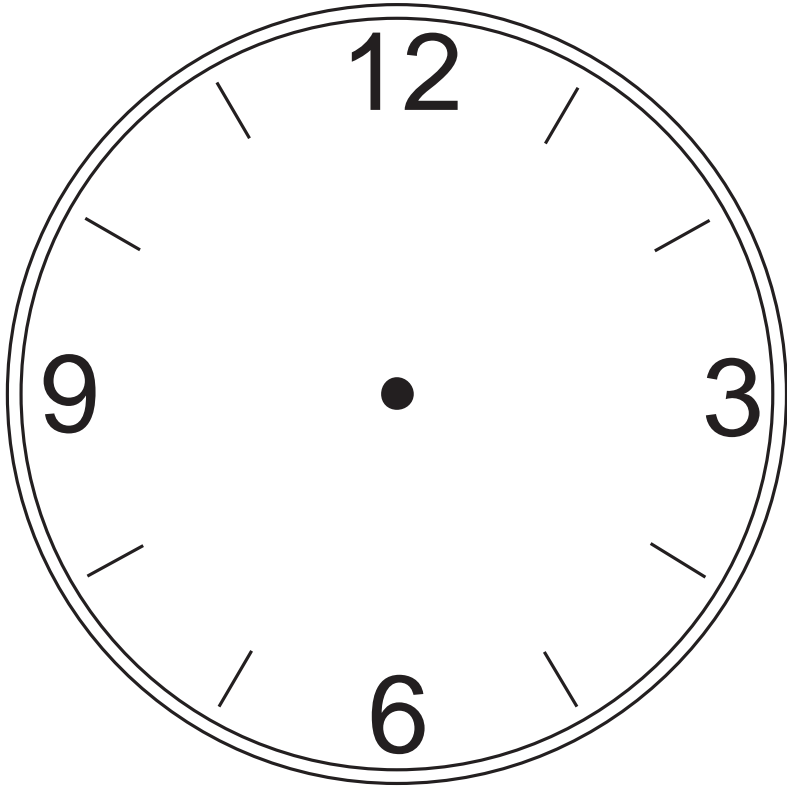
Hallowe'en

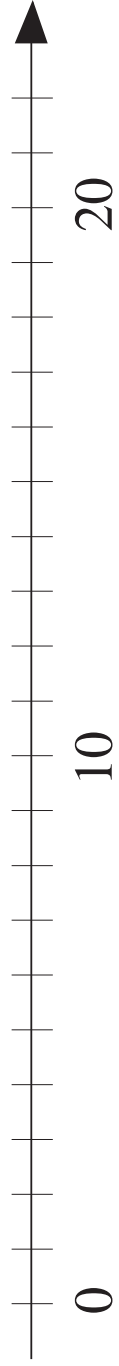
sunset

mid-night

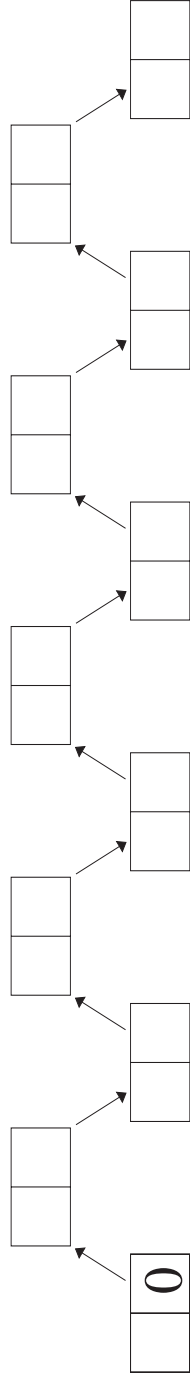
Bonfire night

dawn

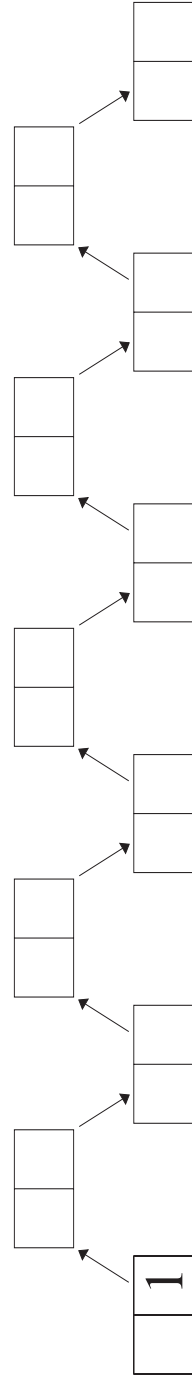




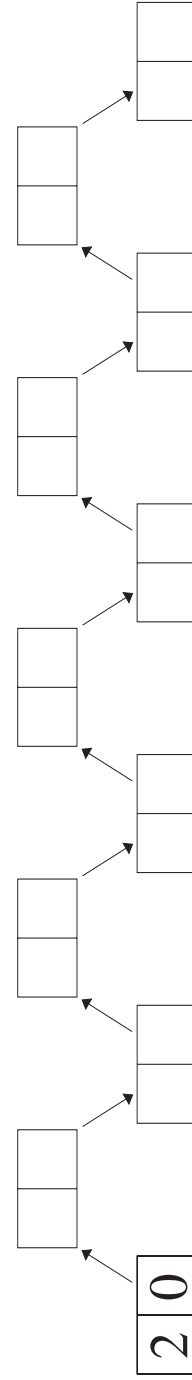
Fill in the missing numbers. The arrows mean:  $+2 \rightarrow$



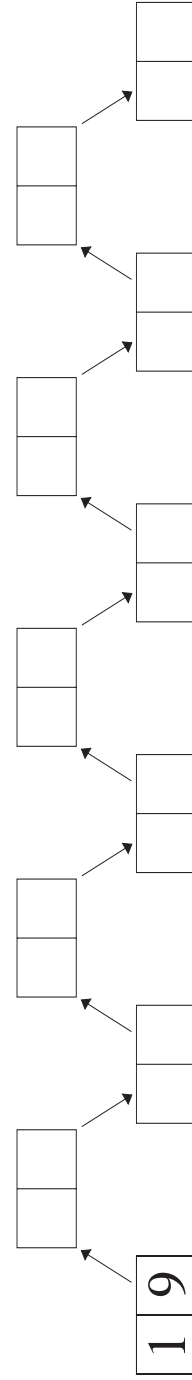
The arrows mean:  $+2 \rightarrow$



The arrows mean:  $-2 \rightarrow$

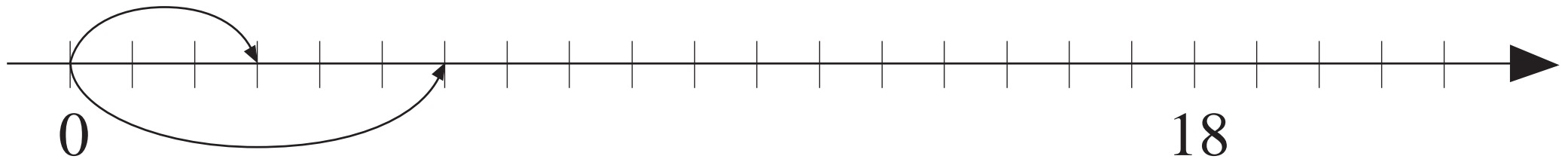


The arrows mean:  $-2 \rightarrow$

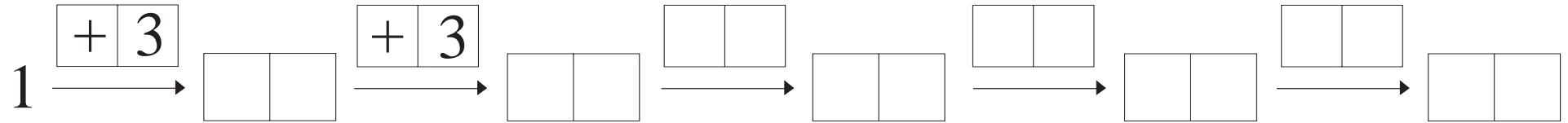


<i>Next smallest number</i>	7			13				0	10		
<i>Number</i>	8	3	13			10					
<i>Next largest number</i>	9				13		20				

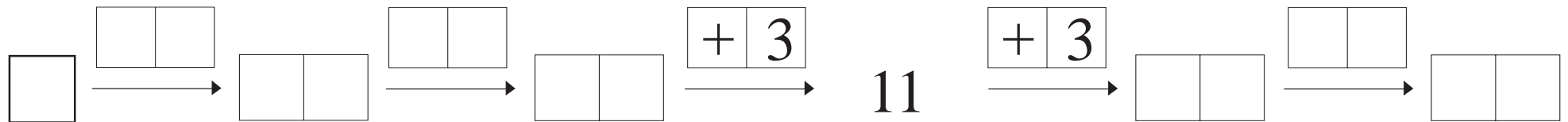
LP 163/5



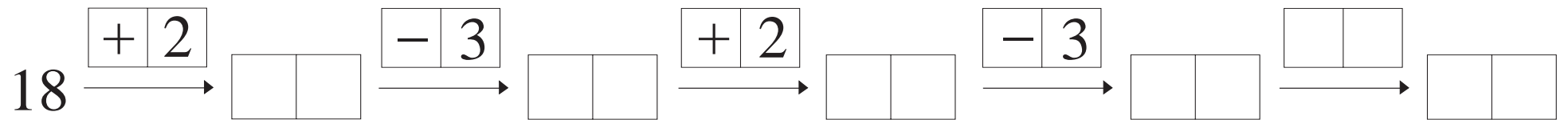
a)

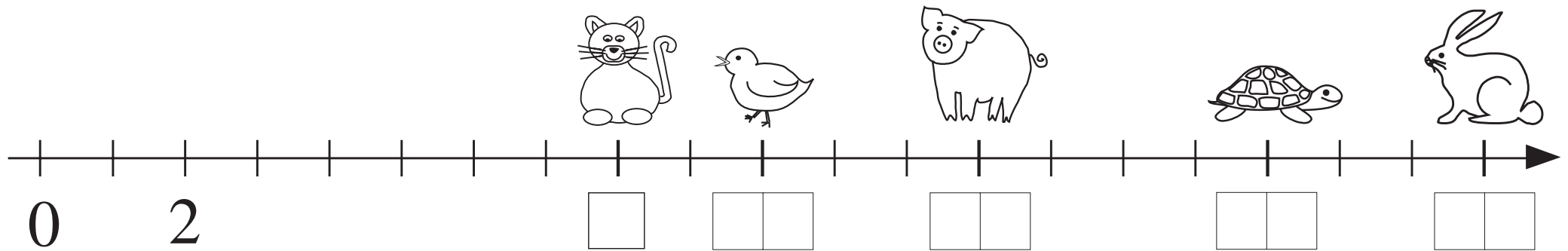


b)



c)





LP 166/2


- (1) (15) (7) (5) (16) (2) (19) (4) (14) (20) (3)  
 (10) (13) (12) (9) (18) (6) (17) (11) (8) (0)


even numbers  
with one digit


odd numbers  
with one digit

even numbers  
with two digits

odd numbers  
with two digits

 = 1p

 = 5p

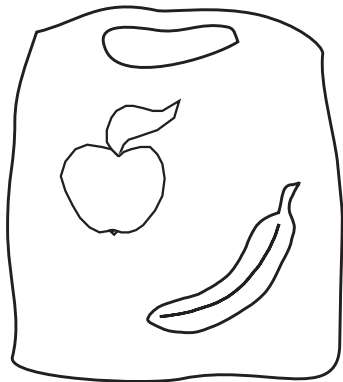
 = 4p

 = 6p

Judy

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10 1



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Terry

--	--	--	--	--	--	--	--	--	--

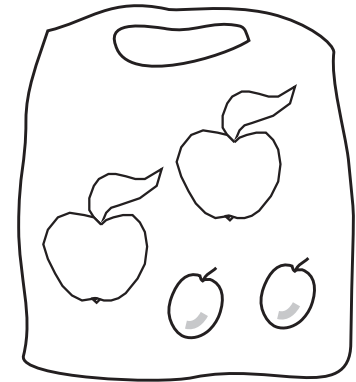
10 1



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10 1

Andy

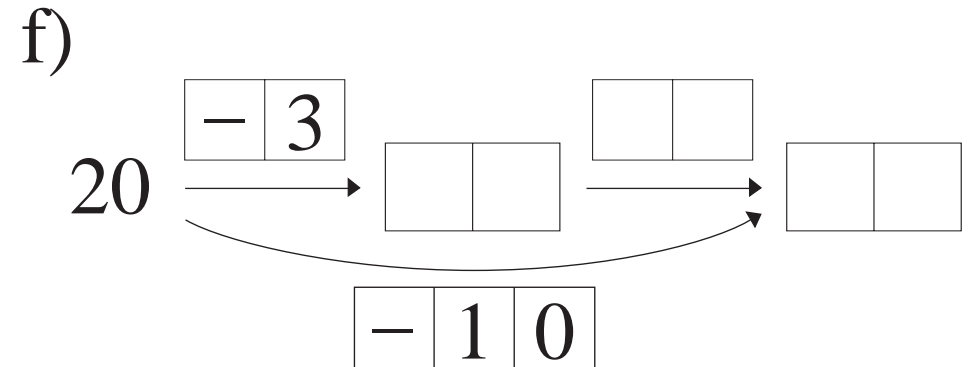
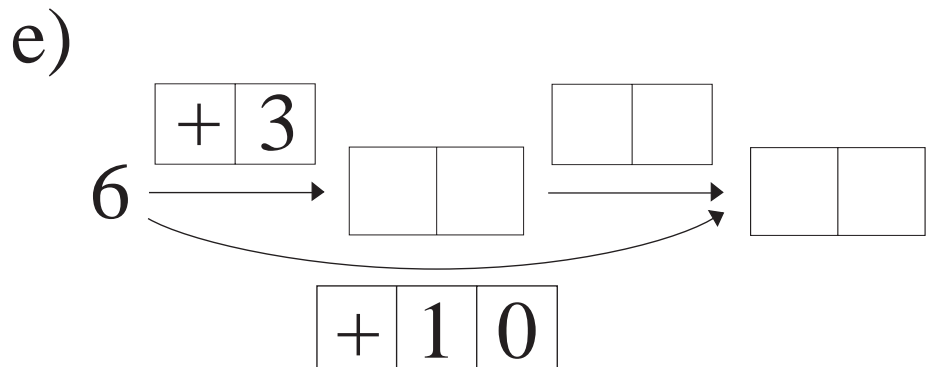
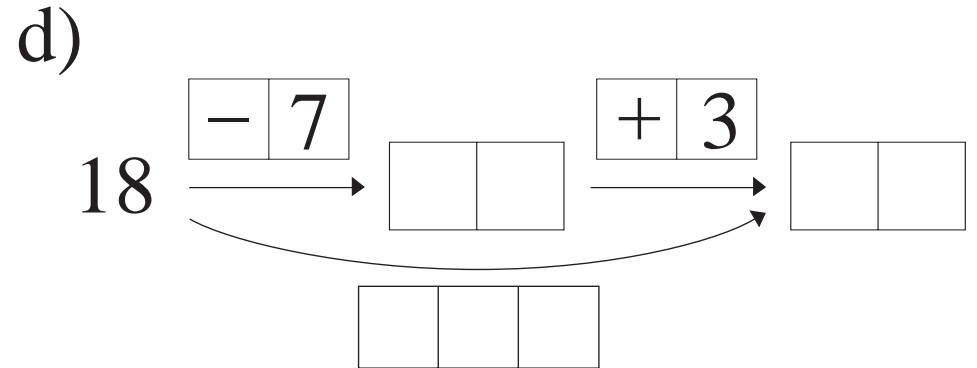
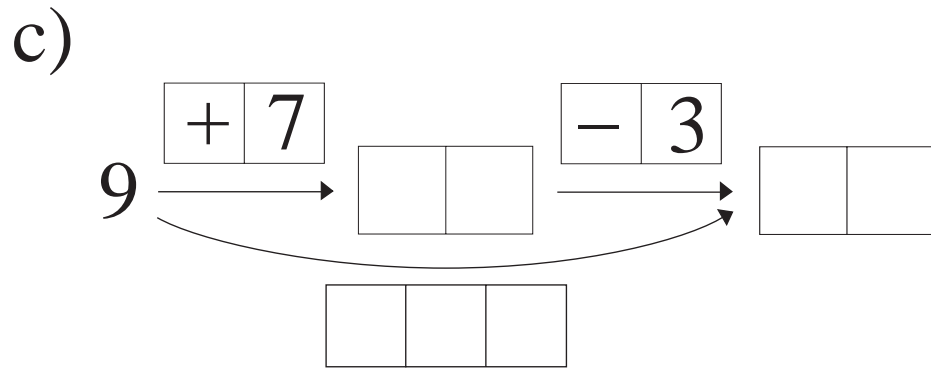
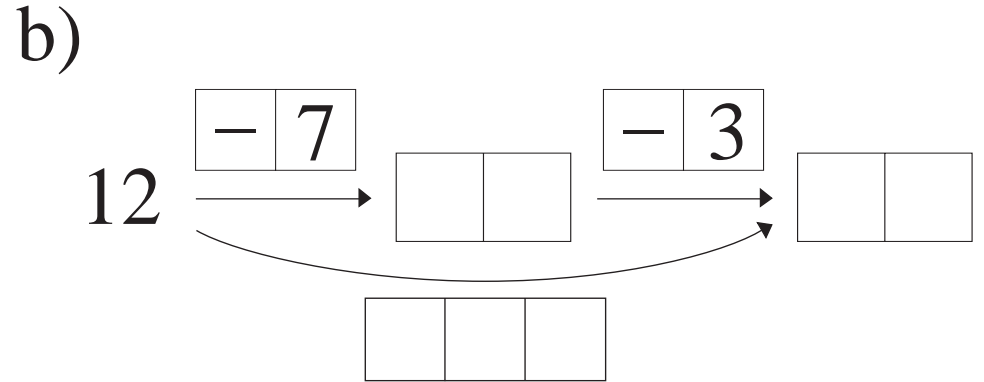
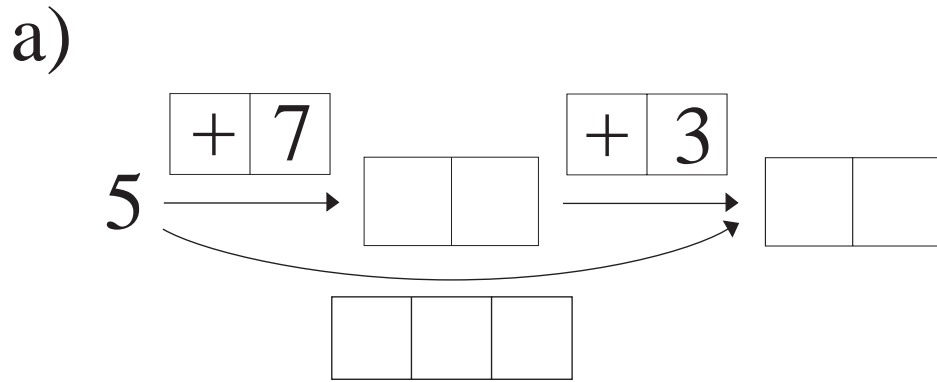


10 1

Gary

<i>Path of the ant from:</i>	<i>on the drawing</i>	<i>in real life</i>
rose to daisy	cm	cm
daisy to snowdrop	cm	cm
snowdrop to rose	cm	cm
Total length of path	cm	cm

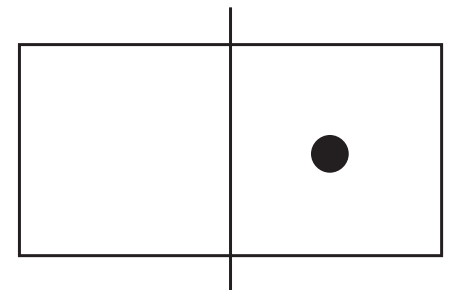
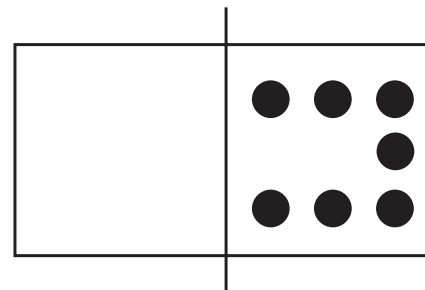
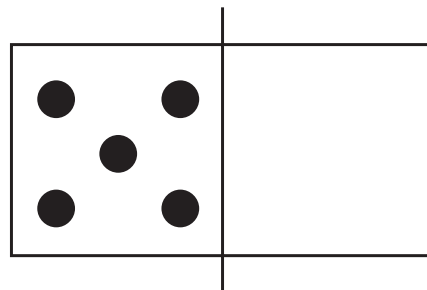
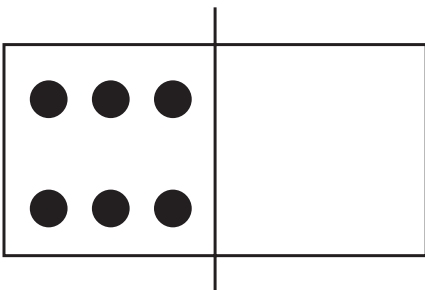
<i>a</i>	4	5			5	4	6		8	3	12		4	3	1
<i>b</i>	5	5	3	9		4	6	7	9		3	7			1
<i>c</i>	10		13	9	6			8		8		7	9	9	



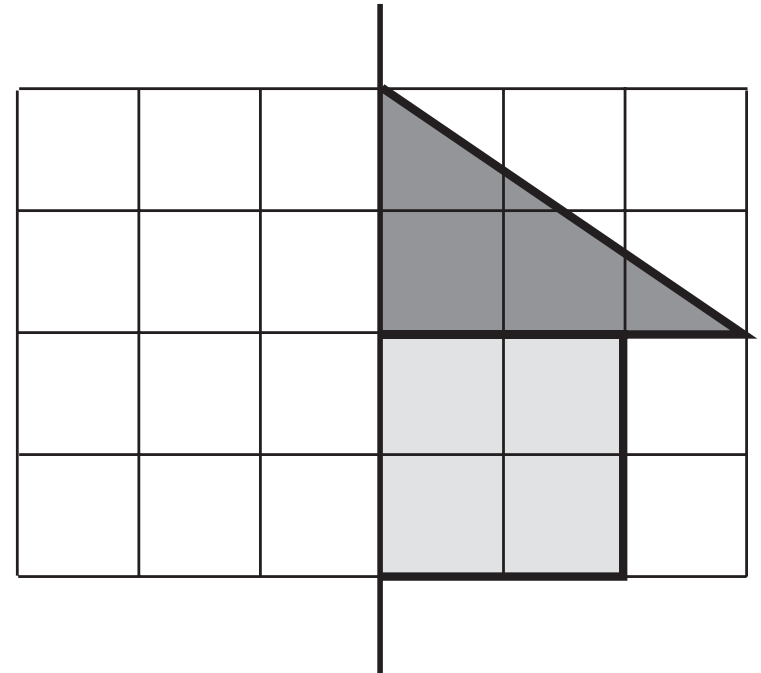
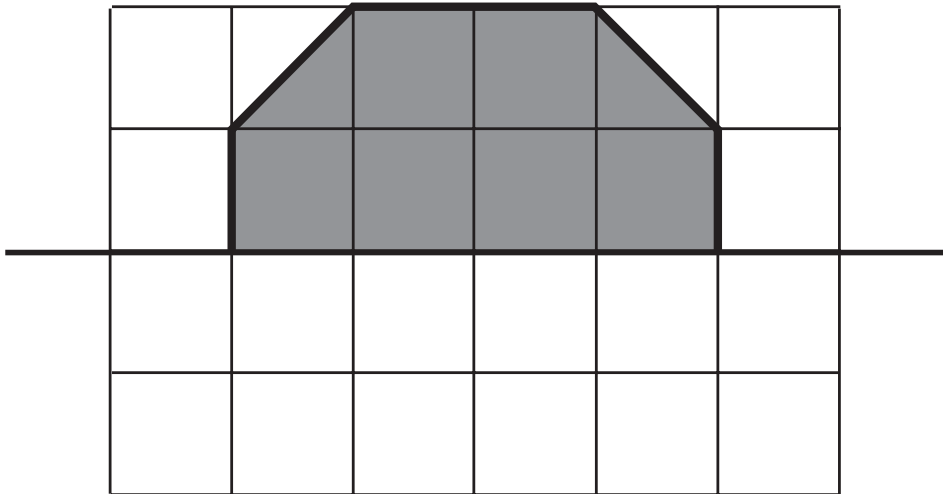
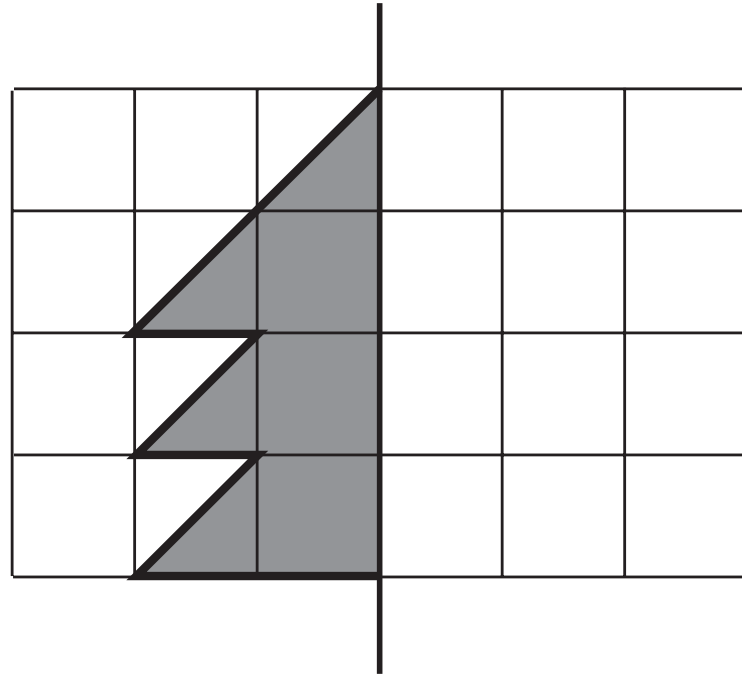
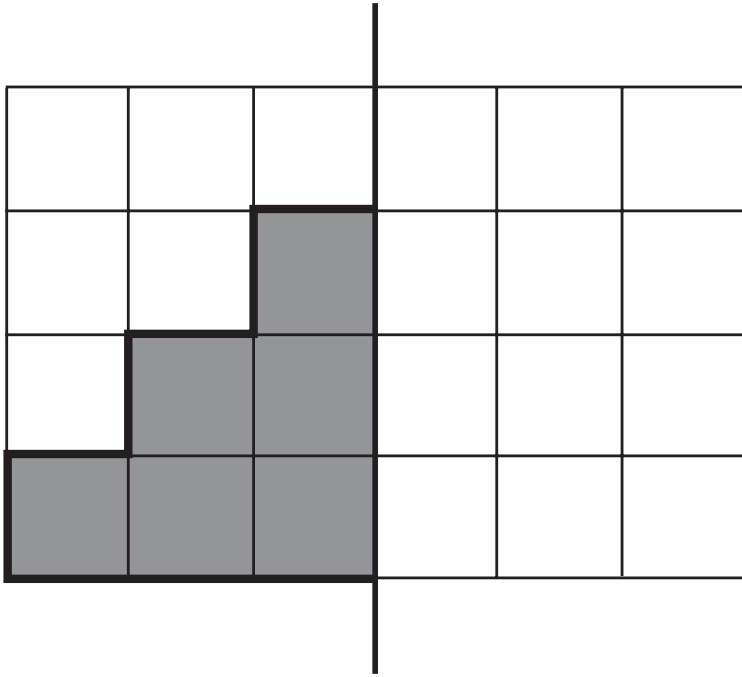


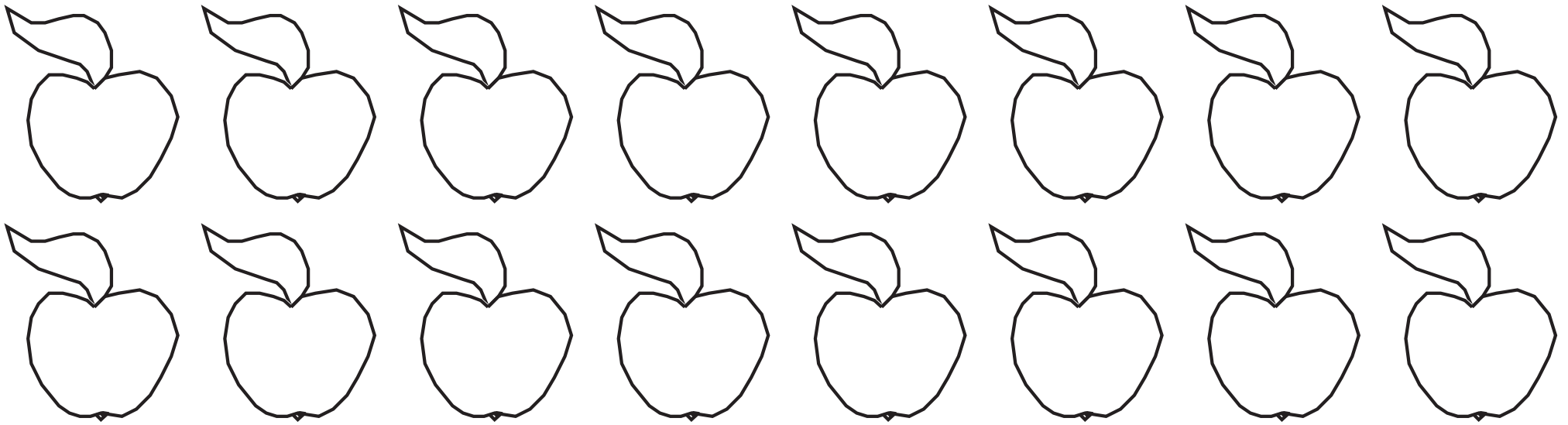
$5 + 6$	$3 + 8$	$20 - 1$	$4 + 6$	$14 - 3$	$17 - 2$	$18 - 1$
$8 + 5$	$9 - 2$	$10 + 2$	$5 + 5$	$15 + 5$	$8 - 5$	$7 + 6$
$3 + 10$	$13 - 1$	$6 + 6$	$16 - 4$	$12 - 2$	$19 - 3$	$10 + 7$
$10 + 5$	$13 + 2$	$20 - 6$	$19 - 5$	$7 + 7$	$10 + 9$	$12 + 5$
$3 + 2$	$8 + 4$	$15 - 5$	$20 - 8$	$8 + 8$	$9 + 9$	$4 + 5$

PB170/1



PB170/4

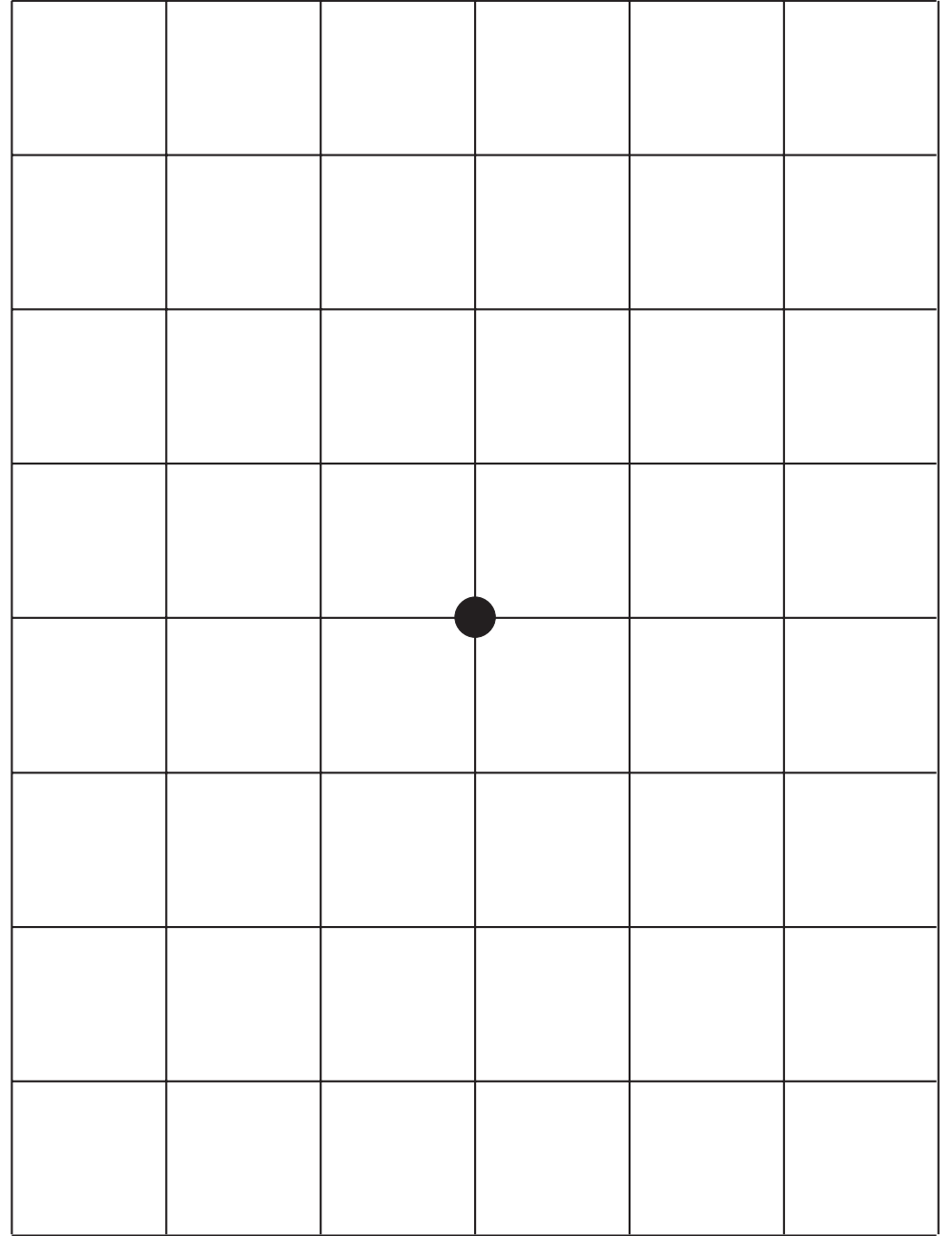
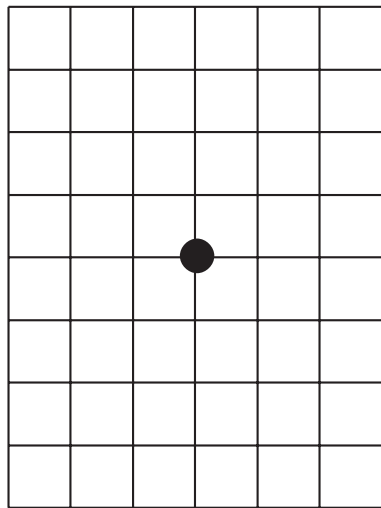
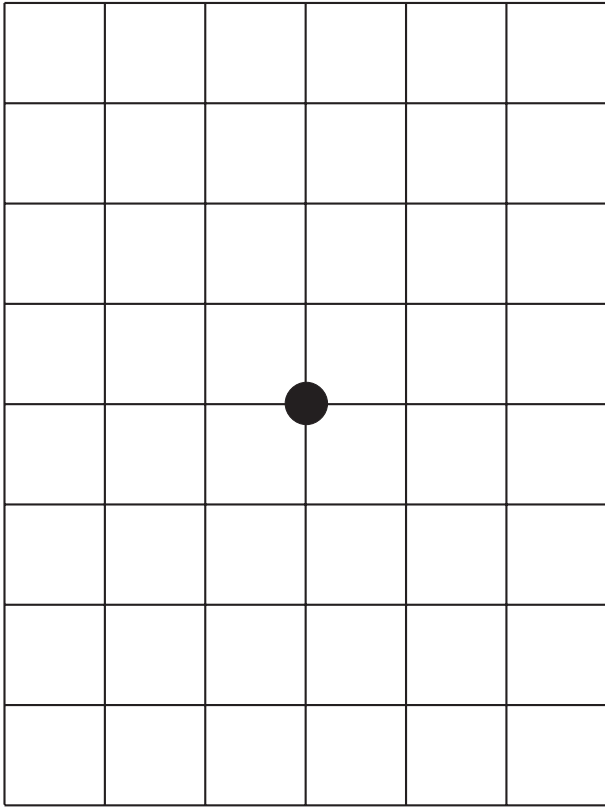


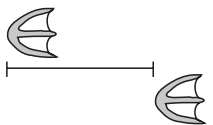
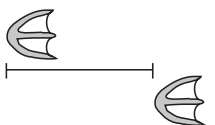
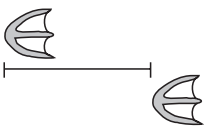
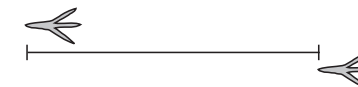
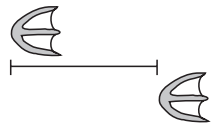
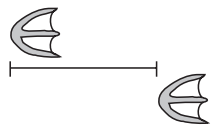
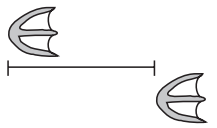
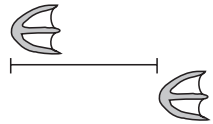
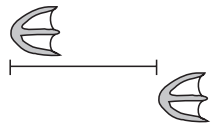
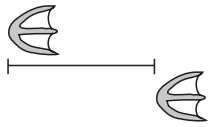
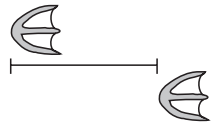
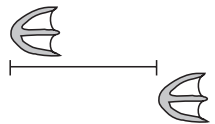
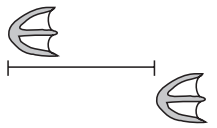
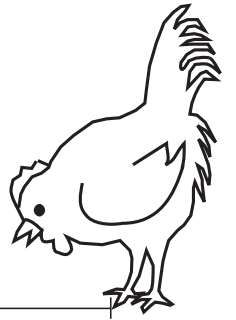
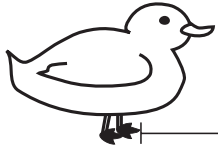


LP 172/5



LP 172/7a







A														
N														

LP 174/2

**Louise**

**Kate**

**Pat**

**Chris**

LP 174/3



