

1

Calculate:

a) $11 + 1 =$	b) $41 + 1 =$	c) $71 + 1 =$	d) $81 + 1 =$
$11 + 2 =$	$41 + 2 =$	$71 + 2 =$	$82 + 1 =$
$11 + 3 =$	$41 + 3 =$	$71 + 3 =$	$83 + 1 =$
$11 + 4 =$	$41 + 4 =$	$71 + 4 =$	$84 + 1 =$
$11 + 5 =$	$41 + 5 =$	$71 + 5 =$	$85 + 1 =$
$11 + 6 =$	$41 + 6 =$	$71 + 6 =$	$86 + 1 =$
$11 + 7 =$	$41 + 7 =$	$71 + 7 =$	$87 + 1 =$
$11 + 8 =$	$41 + 8 =$	$71 + 8 =$	$88 + 1 =$
$11 + 9 =$	$41 + 9 =$	$71 + 9 =$	$89 + 1 =$

2

Fill in the missing numbers.

a) $5 + 4 =$ <input type="text"/>	$15 + 4 =$ <input type="text"/> <input type="text"/>	$95 + 4 =$ <input type="text"/> <input type="text"/>
b) $3 + 5 =$ <input type="text"/>	$23 + 5 =$ <input type="text"/> <input type="text"/>	$43 + 5 =$ <input type="text"/> <input type="text"/>
c) $2 + 7 =$ <input type="text"/>	$32 + 7 =$ <input type="text"/> <input type="text"/>	$82 + 7 =$ <input type="text"/> <input type="text"/>

3

Which is more? How many more? Write in the correct signs and numbers.

a) 31 <input type="text"/> 34	b) 42 <input type="text"/> 45	c) 53 <input type="text"/> 56
22 <input type="text"/> 26	33 <input type="text"/> 37	44 <input type="text"/> 48
64 <input type="text"/> 67	55 <input type="text"/> 59	71 <input type="text"/> 80

4

Fill in the missing numbers.

a) $7 - 4 =$ <input type="text"/>	b) $17 - 4 =$ <input type="text"/> <input type="text"/>	c) $57 - 4 =$ <input type="text"/> <input type="text"/>
$5 - 2 =$ <input type="text"/>	$25 - 2 =$ <input type="text"/> <input type="text"/>	$65 - 2 =$ <input type="text"/> <input type="text"/>
$8 - 6 =$ <input type="text"/>	$38 - 6 =$ <input type="text"/> <input type="text"/>	$48 - 6 =$ <input type="text"/> <input type="text"/>

1

Complete the table.

	20	50	30	31	32	33	61	62	63	91	92	93	100
+7													

2

Calculate the differences.

- a) $20 - 4 =$ b) $80 - 5 =$ c) $40 - 7 =$ d) $30 - 9 =$
 $30 - 6 =$ $50 - 9 =$ $30 - 8 =$ $90 - 3 =$
 $40 - 8 =$ $90 - 4 =$ $80 - 7 =$ $50 - 7 =$
 $70 - 2 =$ $70 - 8 =$ $50 - 5 =$ $40 - 9 =$

3

Fill in the sums.

- a) $4 + 2 =$ $4 + 12 =$ $4 + 62 =$
b) $6 + 3 =$ $6 + 23 =$ $6 + 53 =$
c) $1 + 7 =$ $1 + 17 =$ $1 + 77 =$

4

Fill in the missing numbers.

- a) $55 -$ $= 50$ b) $10 + 50 +$ $= 68$
 $43 -$ $= 40$ $+ 30 + 2 = 72$
 $- 7 = 90$ $20 +$ $+ 4 = 84$
 $- 2 = 50$ $+ 20 + 6 = 86$

5

Use the number strip on page 48 to answer these questions. How many of the numbers from 0 to 100:

- a) are odd with 2 digits b) have 2 odd digits
c) have only even digits d) contain 0
e) are less than 30 f) are not less than 30?

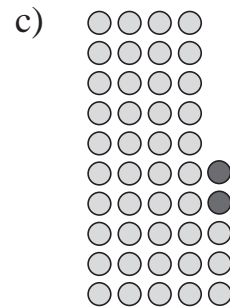
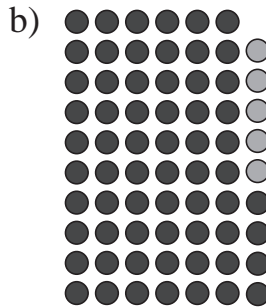
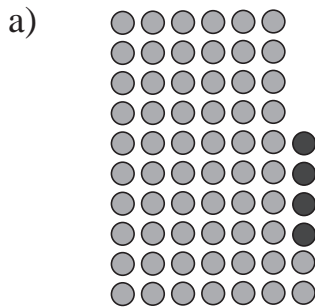
1

Complete the table.

	30	10	40	90	50	49	48	47	46	80	79	77	76	100
-6														

2

Write an addition and subtraction about each picture.



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3

Colour in the coins to show how much money I have. Write it as an addition.

	Had	Was given	Now have																
a)				<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>															
b)				<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>															
c)				<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>															
d)				<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>															
e)				<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>															
f)				<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>															

4

Which is more? How many more? Write in the correct signs and numbers.

a) 42 46 b) 32 36 c) 87 84

51 59 60 53 50 35

1

Calculate:

- a) $16 - 2 =$ b) $27 - 4 =$ c) $59 - 1 =$ d) $88 - 8 =$
 $26 - 2 =$ $37 - 4 =$ $59 - 2 =$ $88 - 7 =$
 $36 - 2 =$ $47 - 4 =$ $59 - 3 =$ $88 - 6 =$
 $46 - 2 =$ $57 - 4 =$ $59 - 4 =$ $88 - 5 =$

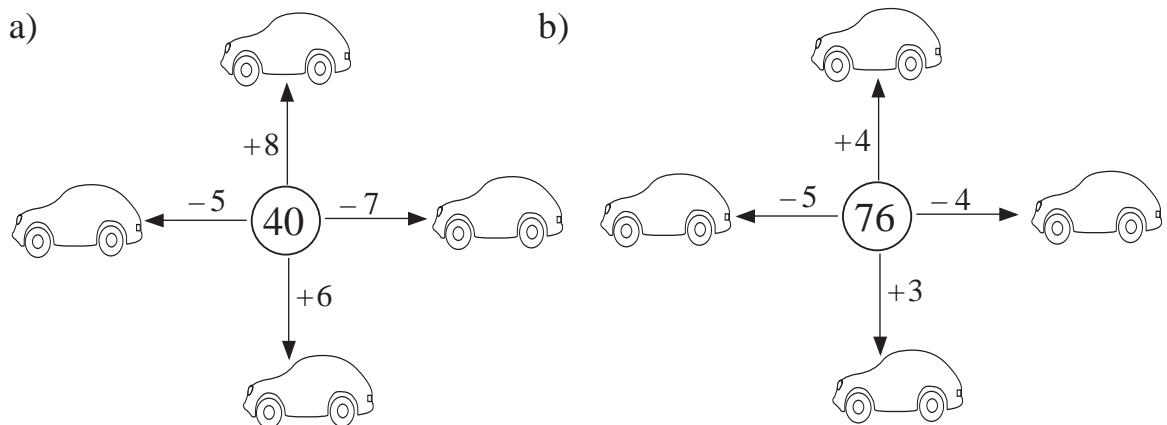
2

Colour in the coins to show how much money I have. Write it as an equation.

	Had	Spent	Have left	
a)				<input type="text"/>
b)				<input type="text"/>
c)				<input type="text"/>
d)				<input type="text"/>
e)				<input type="text"/>
f)				<input type="text"/>

3

Follow the arrows and write the results in the cars.



4

Write the correct sign and number on each arrow to show its meaning.

- a) $43 \longrightarrow 47 \longrightarrow 40 \longrightarrow 50 \longrightarrow 58 \longrightarrow 68$
 b) $90 \longrightarrow 94 \longrightarrow 90 \longrightarrow 80 \longrightarrow 87 \longrightarrow 81$

1

There were 30 red balls and 40 blue balls in the cupboard. The teacher then found another 9 green balls and put those in the cupboard too.

How many balls are there in the cupboard now?

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

 balls

2

Write the next numbers smaller and greater than the number in the middle.

- a)

--	--

 < 89 <

--	--
- b)

--	--

 < 75 <

--	--
- c)

--	--

 < 60 <

--	--
- d)

--	--

 < 44 <

--	--

3

Write the Roman numerals below these numbers.

- a) 51 b) 13 c) 100 d) 25 e) 39

4

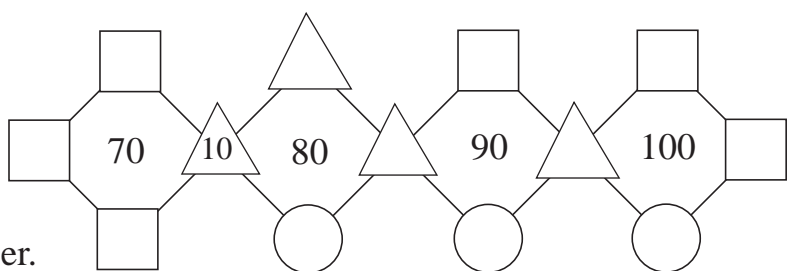
- a) Colour blue the numbers whose digits add up to 10.
 b) Colour yellow the numbers whose digits have a difference of 3.
 c) Colour red the numbers which have both digits the same.

		10		30		50		70		90			
		9	11	29	31	49	51	69	71	89	91		
		8	12	28	32	48	52	68	72	88	92		
		7	13	27	33	47	53	67	73	87	93		
		6	14	26	34	46	54	66	74	86	94		
		5	15	25	35	45	55	65	75	85	95		
		4	16	24	36	44	56	64	76	84	96		
		3	17	23	37	43	57	63	77	83	97		
		2	18	22	38	42	58	62	78	82	98		
		1	19	21	39	41	59	61	79	81	99		
	0			20		40		60		80		100	

5

The same shape means the same number.

The sum of the 4 numbers at the corners equals the middle number.



1

Fill in the missing numbers.

a) $\square \square \xleftarrow{-4} 50 \xrightarrow{+4} \square \square$

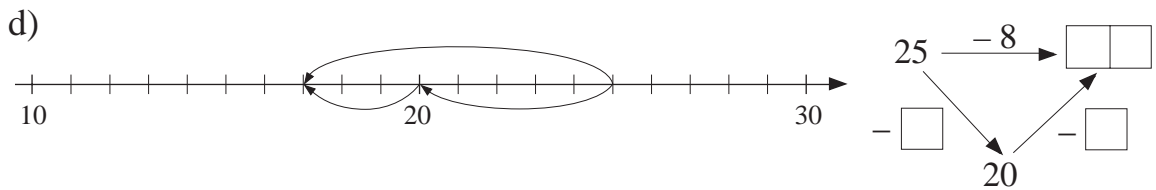
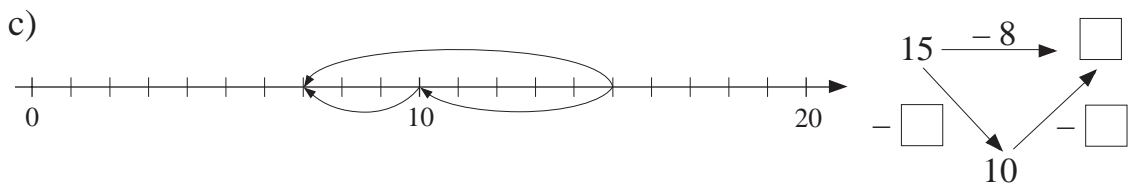
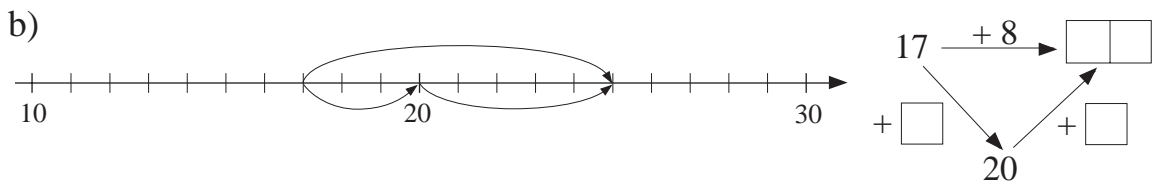
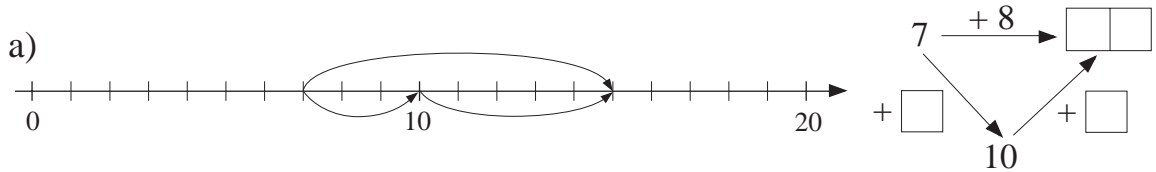
b) $\square \square \xleftarrow{-9} 80 \xrightarrow{+9} \square \square$

b) $\square \square \xleftarrow{-8} 70 \xrightarrow{+8} \square \square$

c) $\square \square \xleftarrow{-7} 90 \xrightarrow{+7} \square \square$

2

Study these jumps along the number line. Fill in the missing numbers.



3

Compare the sums.

- a) $27 + 1 =$
- $27 + 2 =$
- $27 + 3 =$
- $27 + 4 =$
- $27 + 5 =$
- $27 + 6 =$

- b) $38 + 1 =$
- $38 + 2 =$
- $38 + 3 =$
- $38 + 4 =$
- $38 + 5 =$
- $38 + 6 =$

- c) $49 + 1 =$
- $49 + 2 =$
- $49 + 3 =$
- $49 + 4 =$
- $49 + 5 =$
- $49 + 6 =$

4

Which numbers make this statement true? $54 < \triangle < 63 - 5$

\triangle :

1

Fill in the table.

+	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
0	0	1			4				8		10		12	13								
1		2		4		6		8		10			13		15						20	
2	2					7				11	12						18	19	20	21		
3			5			8									17							
4							10					15				19						24
5			7																			
6				9	10									19								
7			9								17											
8					12				16													
9							15			18	20											
10				13												25				28		30

2

Fill in the missing numbers.

a)
$$\begin{array}{r} 8 \xrightarrow{+3} \square\square \\ + \square \searrow \quad \nearrow + \square \\ 10 \end{array}$$

b)
$$\begin{array}{r} 5 \xrightarrow{+9} \square\square \\ + \square \searrow \quad \nearrow + \square \\ 10 \end{array}$$

c)
$$\begin{array}{r} 7 \xrightarrow{+4} \square\square \\ + \square \searrow \quad \nearrow + \square \\ 10 \end{array}$$

d)
$$\begin{array}{r} 18 \xrightarrow{+3} \square\square \\ + \square \searrow \quad \nearrow + \square \\ 20 \end{array}$$

e)
$$\begin{array}{r} 15 \xrightarrow{+9} \square\square \\ + \square \searrow \quad \nearrow + \square \\ 20 \end{array}$$

f)
$$\begin{array}{r} 17 \xrightarrow{+4} \square\square \\ + \square \searrow \quad \nearrow + \square \\ 20 \end{array}$$

g)
$$\begin{array}{r} 12 \xrightarrow{-3} \square\square \\ - \square \searrow \quad \nearrow - \square \\ 10 \end{array}$$

h)
$$\begin{array}{r} 14 \xrightarrow{-6} \square\square \\ - \square \searrow \quad \nearrow - \square \\ 10 \end{array}$$

i)
$$\begin{array}{r} 11 \xrightarrow{-5} \square\square \\ - \square \searrow \quad \nearrow - \square \\ 10 \end{array}$$

j)
$$\begin{array}{r} 22 \xrightarrow{-3} \square\square \\ - \square \searrow \quad \nearrow - \square \\ 20 \end{array}$$

k)
$$\begin{array}{r} 24 \xrightarrow{-6} \square\square \\ - \square \searrow \quad \nearrow - \square \\ 20 \end{array}$$

l)
$$\begin{array}{r} 21 \xrightarrow{-5} \square\square \\ - \square \searrow \quad \nearrow - \square \\ 20 \end{array}$$

3

Complete the subtractions.

- a) $42 - 6 = 42 - 2 - 4 = \square\square$
- b) $55 - 7 = 55 - 5 - \square$
- c) $54 - 5 = 54 - \square - \square$
- d) $72 - 8 = \square\square - \square - \square$

1

Complete the table.

–	32	45	38	56	73	84	21	97	69
8	30	40							
	24								

2

Complete the table.

+	20	21	22	23	24	25	26	27	28	29
30	50	51			54					
31	51	52				56		58		
32	52						58			
33				56						62
34		55						61		
35						60			63	64
36			58				62			
37					61					
38			60						66	
39		60		62						

3

Join up the equal numbers

$100 - 8$ $39 + 6$ $49 + 6$ $36 + 10$ $69 + 9$
 $60 - 5$ $90 - 8$
 $17 + 10$ $68 + 7$
 $28 + 8$ $70 - 8$
 $18 + 9$ $58 + 4$ $39 + 7$ $78 + 4$ $50 - 5$

4

Complete the table. Write down the rule in different ways.

<i>a</i>	6	11	0	20	31	7	27				29	8	28	36	
<i>b</i>	10	15			35			41	13	23					50

Rule:

1

Fill in the missing numbers.

a) $48 \xrightarrow{+2} \square\square \xrightarrow{+4} \square\square$ $48 + 6 = \square\square$

b) $54 \xrightarrow{+6} \square\square \xrightarrow{+2} \square\square$ $54 + 8 = \square\square$

c) $74 \xrightarrow{+6} \square\square \xrightarrow{+3} \square\square$ $74 + 9 = \square\square$

d) $86 \xrightarrow{+4} \square\square \xrightarrow{+3} \square\square$ $86 + 7 = \square\square$

e) $32 \xrightarrow{+8} \square\square \xrightarrow{+1} \square\square$ $32 + 9 = \square\square$

2

Practise addition and subtraction.

a) $30 + \square\square = 80$ b) $45 - 4 = \square\square$ c) $4 + 8 = \square\square$

$\square\square + 40 = 100$ $60 - 9 = \square\square$ $14 - 9 = \square$

$37 + 20 = \square\square$ $96 - 40 = \square\square$ $9 + 3 = \square\square$

$\square\square + 2 = 96$ $\square\square = 75 - 60$ $19 + \square = 22$

$\square\square + 42 = 92$ $86 - \square\square = 16$ $\square\square + 5 = 44$

$14 - 6 = \square$ $16 - 8 = \square$ $44 - 5 = \square\square$

$15 - 7 = \square$ $56 - 8 = \square\square$ $\square\square - 5 = 89$

3

Fill in the missing numbers.

$37 \xrightarrow{+10} \square \xrightarrow{+7} \square \xrightarrow{-3} \square \xrightarrow{+8} \square \xrightarrow{+6} \square \xrightarrow{-9} \square$

4

Complete the subtractions.

a) $37 - 9 = 37 - 7 - 2 = \square\square$ b) $84 - 6 = 84 - 4 -$

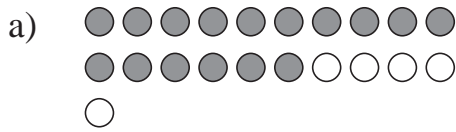
c) $63 - 6 = 63 - 3 -$ d) $72 - 8 = 72 - 2 -$

e) $95 - 8 = 95 -$ f) $44 - 9 = 44 -$

g) $58 - 9 =$ h) $25 - 7 =$

1

Fill in the missing numbers.

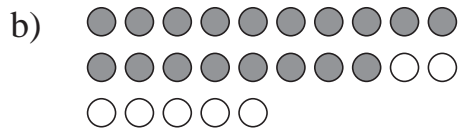


$$16 + \square = \square \square$$

$$16 + \square + \square$$

$$21 - \square = \square \square$$

$$21 - \square - \square$$



$$28 + \square = \square \square$$

$$28 + \square + \square$$

$$35 - \square = \square \square$$

$$35 - \square - \square$$

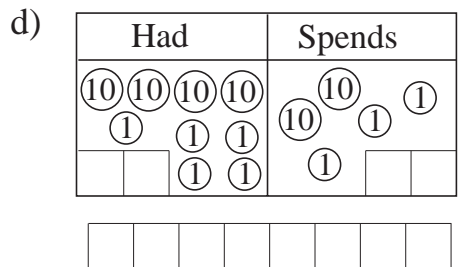
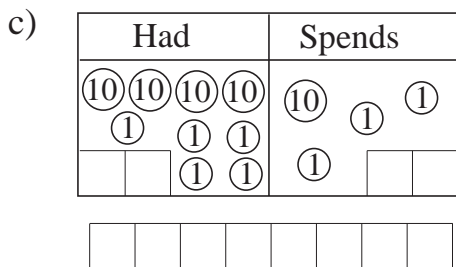
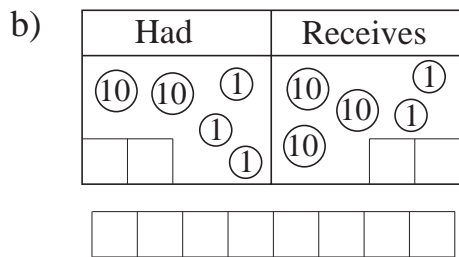
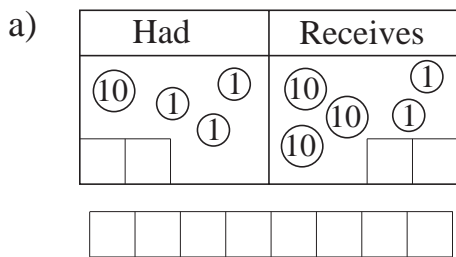
2

Fill in the missing numbers.

- a) $34 + \square = 38$ $56 + \square = 59$ $41 + \square = 47$
 b) $86 - \square = 82$ $91 - \square = 90$ $75 - \square = 73$
 c) $\square \square + 8 = 69$ $\square \square + 2 = 99$ $\square \square + 5 = 77$
 d) $\square \square - 4 = 62$ $\square \square - 3 = 56$ $\square \square - 2 = 85$

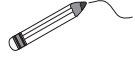
3

Fill in the amounts and write equations about the pictures.



4

Join up the equal numbers.

- $80 - 11$ $LXIX$ $60 + 9$ 
 $40 - 6$ $28 + 6$ $XCIII$ $56 + 37$
 $XXXIV$ $100 - 7$

1

Follow the pattern. Add the tens first, then the units to the number.

a) $23 \xrightarrow{+30} \square \xrightarrow{+6} 59$
 (A bracket below 23 and 59 is labeled +36)

b) $46 \longrightarrow \square \longrightarrow \text{semi-circle}$
 (A bracket below 46 and the semi-circle is labeled +42)

c) $35 \longrightarrow \square \longrightarrow \text{semi-circle}$
 (A bracket below 35 and the semi-circle is labeled +23)

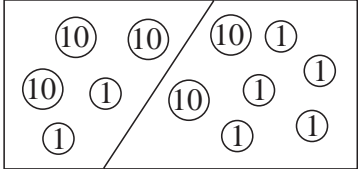
d) $53 \longrightarrow \square \longrightarrow \text{semi-circle}$
 (A bracket below 53 and the semi-circle is labeled +38)

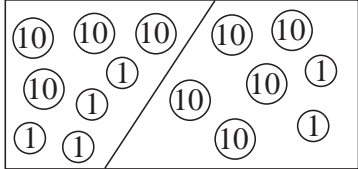
e) $78 \longrightarrow \square \longrightarrow \text{semi-circle}$
 (A bracket below 78 and the semi-circle is labeled +16)

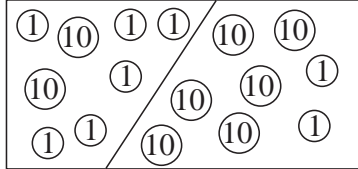
f) $67 \longrightarrow \square \longrightarrow \text{semi-circle}$
 (A bracket below 67 and the semi-circle is labeled +29)

2

Write additions and subtractions about the pictures.

a) 
 $3 \text{ tens } 2 \text{ units} + 2 \text{ tens } 5 \text{ units} = \square \square$
 $\square \square + \square \square = \square \square$
 $\square \square - 3 \text{ tens } 2 \text{ units} = \square \square$
 $\square \square - 2 \text{ tens } 5 \text{ units} = \square \square$

b) 
 $\square \square \square \square$
 $\square \square \square \square$
 $\square \square \square \square$
 $\square \square \square \square$

c) 
 $\square \square \square \square$
 $\square \square \square \square$
 $\square \square \square \square$
 $\square \square \square \square$

3

Peter and his Dad were digging up potatoes. Peter's Dad dug up 24 more potatoes than Peter did. Complete the table and the statements.

P	33	55	48	69	27	56	29	38				
D									70	90	45	61

... ²⁴> ... D = P = 24 =

4

Ann has 56 buttons and Barbara has 27 buttons.

How many do they have altogether?

1

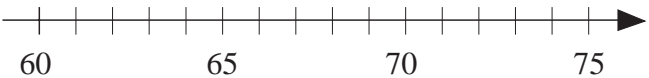
Fill in the missing numbers.

$$a) \quad 18 \xrightarrow{+12} \square \xrightarrow{+36} \square \xrightarrow{+17} \square \xrightarrow{+9} \square \xrightarrow{-12} \square$$


$$b) \quad 22 \xrightarrow{+14} \square \xrightarrow{+27} \square \xrightarrow{+19} \square \xrightarrow{-34} \square \xrightarrow{-48} \square$$

2

List the possible solutions and mark them on the number line.

$$a) \quad 62 + 7 > \triangle > 65 - 4$$


 $\triangle : \dots\dots\dots$

$$b) \quad 48 - 8 < \bullet + 3 < 42 + 7$$


 $\bullet : \dots\dots\dots$
3

Pactise subtraction.

a) $93 - 51 =$	b) $85 - 62 =$	c) $86 - 54 =$
$76 - 23 =$	$97 - 56 =$	$93 - 62 =$
$65 - 41 =$	$68 - 17 =$	$52 - 31 =$
$87 - 54 =$	$54 - 32 =$	$78 - 13 =$
$52 - 31 =$	$87 - 65 =$	$55 - 44 =$
$47 - 26 =$	$96 - 74 =$	$69 - 45 =$

4

Calculate:

a) $65 + 24 =$	b) $74 - 13 =$	c) $12 + 15 =$
$65 + 35 =$	$74 - 54 =$	$23 + 15 =$
$65 + 16 =$	$74 - 25 =$	$34 + 15 =$
$65 + 27 =$	$74 - 36 =$	$45 + 15 =$
$65 + 38 =$	$74 - 47 =$	$51 - 15 =$
$65 + 19 =$	$74 - 68 =$	$62 - 15 =$
$65 + 40 =$	$74 - 19 =$	$73 - 15 =$

1

Draw the coins I have left in my purse. Fill in the missing numbers.

Have left

	+	<div style="display: flex; justify-content: space-between; align-items: center;"> 20 </div>	=	a)
	+	<div style="display: flex; justify-content: space-between; align-items: center;"> 5 2 </div>	=	b)
	+	<div style="display: flex; justify-content: space-between; align-items: center;"> 20 5 2 </div>	=	c)
	-	<div style="display: flex; justify-content: space-between; align-items: center;"> 20 </div>	=	d)
	-	<div style="display: flex; justify-content: space-between; align-items: center;"> 5 2 </div>	=	e)
	-	<div style="display: flex; justify-content: space-between; align-items: center;"> 20 5 2 </div>	=	f)

Had

20

10

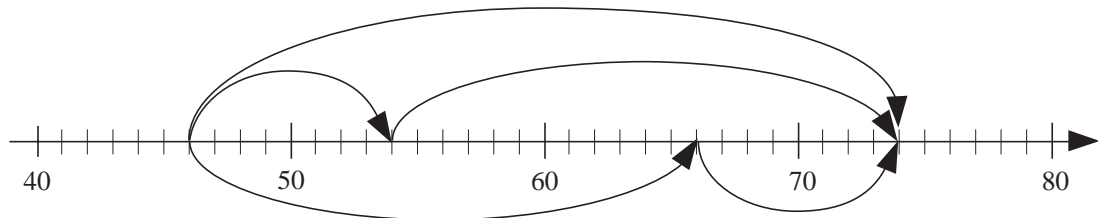
5

2

Do the calculations and fill in the missing numbers.

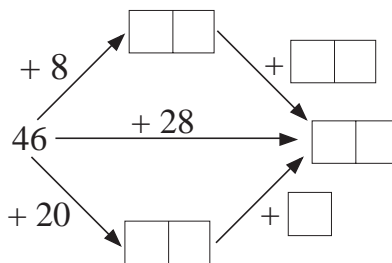
- | | |
|---|--|
| a) $48 + 22 < 8$ | b) $87 - 26 < 14$ |
| c) < 9 $90 - 47$ | d) < 25 $48 + 35$ |
| e) $52 + 19 < 13$ | f) $77 - 34 < 16$ |

3



Study the jumps along the number line.

Fill in the missing numbers.



4

Kate has 37 fewer books than Suzie has.

Complete the table and the equations.

S	84	73	58	67	90	100					
K							18	39	23	42	55

K = S = 37 =

1

Fill in the missing numbers.

a) $26 + 13 = 23 + \square\square$

b) $49 - \square\square = 39 + 6$

$32 + 48 = \square\square - 5$

$72 - 56 = 8 + \square\square$

$57 - 26 = \square\square - 14$

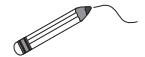
$\square\square - 4 = 75 + 14$

$\square\square - 35 = 34 + 25$

$62 - \square\square = 39 + 16$

2

Join up the equal numbers.



$12 + 23$

79

$47 - 22$

$55 + 11$

25

$17 + 52$

$92 - 23$

66

$100 - 21$

$47 + 32$

69

$13 + 22$

3

Practise addition and subtraction.

a) $46 + 35 = \square\square$

b) $57 + 26 = \square\square$

c) $45 + 38 = \square\square$

$46 + \overbrace{30 + 5}$

$57 + \overbrace{20 + 6}$

$45 + \overbrace{30 + 8}$

$46 + 35 = \square\square$

$57 + 26 = \square\square$

$45 + 38 = \square\square$

$46 + \overbrace{5 + 30}$

$57 + \overbrace{6 + 20}$

$45 + \overbrace{8 + 30}$

d) $62 - 34 = \square\square$

e) $84 - 28 = \square\square$

f) $95 - 37 = \square\square$

$62 - \overbrace{30} - 4$

$84 - \overbrace{20} - 8$

$95 - \overbrace{30} - 7$

$62 - 34 = \square\square$

$84 - 28 = \square\square$

$95 - 37 = \square\square$

$62 - \overbrace{4} - 30$

$84 - \overbrace{8} - 20$

$95 - \overbrace{7} - 30$

4

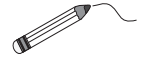
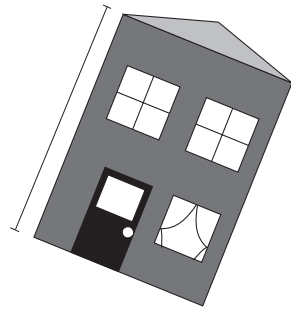
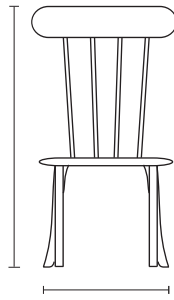
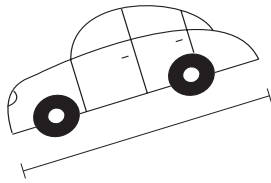
John has 56 stamps, 27 more than David has.

How many stamps does David have?

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

1

Join up each measurement to a suitable length.



50 cm

4 m

8 m

1 m 30 cm

2

The length of a yellow strip is 5 cm.



What is the total length of:

a) 2 yellow strips

$$\square + \square = \square \square \text{ cm}$$

$$\square \text{ times } 5 \text{ cm} = \square \square \text{ cm}$$

b) 4 yellow strips

$$\square + \square + \square + \square = \square \square \text{ cm}$$

$$\square \text{ times } 5 \text{ cm} = \square \square \text{ cm}$$

c) 8 yellow strips?

$$\square + \square + \square + \square + \square + \square + \square + \square = \square \square \text{ cm}$$

$$\square \text{ times } 5 \text{ cm} = \square \square \text{ cm}$$

3

1 metre

40 cm +

80 cm +

+ 25 cm

+ 61 cm

99 cm +

Fill in the missing numbers and units.

50 cm

20 cm +

84 cm -

+ 42 cm

- 33 cm

1 cm +



1

Do the subtractions. Check them with an addition and a subtraction.
Follow the pattern.

- a) $35 - 12 = 23$ Checks: $35 - 23 = 12$ $23 + 12 = 35$
- b) $47 - 23 = \dots\dots$ $\dots\dots\dots$ $\dots\dots\dots$
- c) $86 - 38 = \dots\dots$ $\dots\dots\dots$ $\dots\dots\dots$
- d) $78 - 29 = \dots\dots$ $\dots\dots\dots$ $\dots\dots\dots$
- e) $93 - 77 = \dots\dots$ $\dots\dots\dots$ $\dots\dots\dots$

2

Fill in the missing numbers. What is the total length of 5 strips if:

- a) each strip is 4 cm long 
- $\square + \square + \square + \square + \square = \square\square$ cm
 \square times \square cm = $\square\square$ cm
- b) each strip is 8 cm long? 
- $\square + \square + \square + \square + \square = \square\square$ cm
 \square times \square cm = $\square\square$ cm

3

- a) Ant and Ladybird are 10 cm away from each other.
Mark where Ladybird should be on the line and draw her.



- b) They start walking towards each other and meet half-way under a mushroom. Mark where the mushroom should be and draw it.
- c) What distance did they walk? Ant: \square cm Ladybird: \square cm

4

Mark where to cut a 10 cm piece of ribbon so that one piece is 2 cm longer than the other.

Write the length
inside each piece.

1

Measure each child in your class. Keep a tally of the heights in this table.

1 m < height ≤ 1 m 10 cm	
1 m 10 cm < height ≤ 1 m 20 cm	
1 m 20 cm < height ≤ 1 m 30 cm	
1 m 30 cm < height ≤ 1 m 40 cm	
1 m 40 cm < height ≤ 1 m 50 cm	

- a) The most common height group is:
- b) The least common height group is:
- c) The height group of the tallest children is:
- d) The height group of the shortest children is:

2

Measure and mark these lengths on the lines.

- a) 7 cm |-----|
- b) 11 cm |-----|
- c) 8 cm |-----|

3

Fill in the missing numbers.

$43 \text{ cm} + 29 \text{ cm} <^{12 \text{ cm}} \boxed{} \boxed{} \text{ cm}$
 $59 \text{ cm} + 17 \text{ cm} >^{25 \text{ cm}} \boxed{} \boxed{} \text{ cm}$
 $94 \text{ cm} - 52 \text{ cm} <^{16 \text{ cm}} \boxed{} \boxed{} \text{ cm}$
 $\boxed{} \boxed{} \text{ cm} <^{34 \text{ cm}} 86 \text{ cm} - 39 \text{ cm}$

4

$35 + 25 + 6$ $70 - 4$ $2 + 60 + 4$ $80 \text{ cm} - 4 \text{ cm}$
 $43 + 29 - 6$ $11 \text{ times } 6$ $90 - 20 - 4$

Colour in the one which you think is the odd one out. Why?

.....

1

Continue the sequences. Complete the rules.

a) 0, 4, 8,

2, 6, 10,

3, 7, 11,

The sequences **increase** by

b) 40, 36, 32,

39, 35, 31,

37, 33, 29,

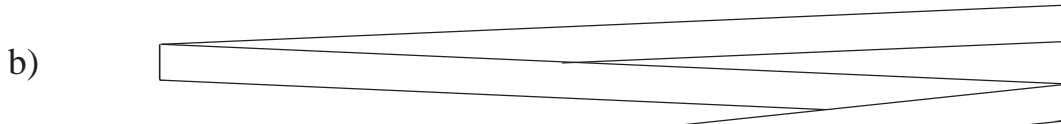
The sequences **decrease** by

2

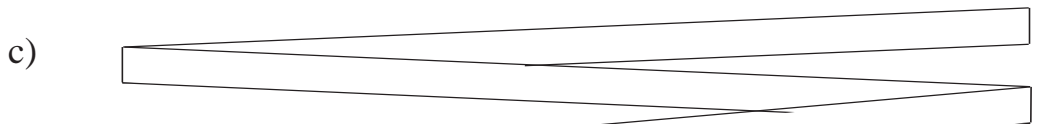
Measure each strip and calculate the total length of two such strips.



2 times cm = cm



2 times cm = cm

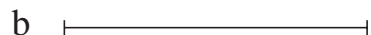
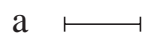


2 times cm = cm

3

How long is each line segment?

Estimate first, then measure.



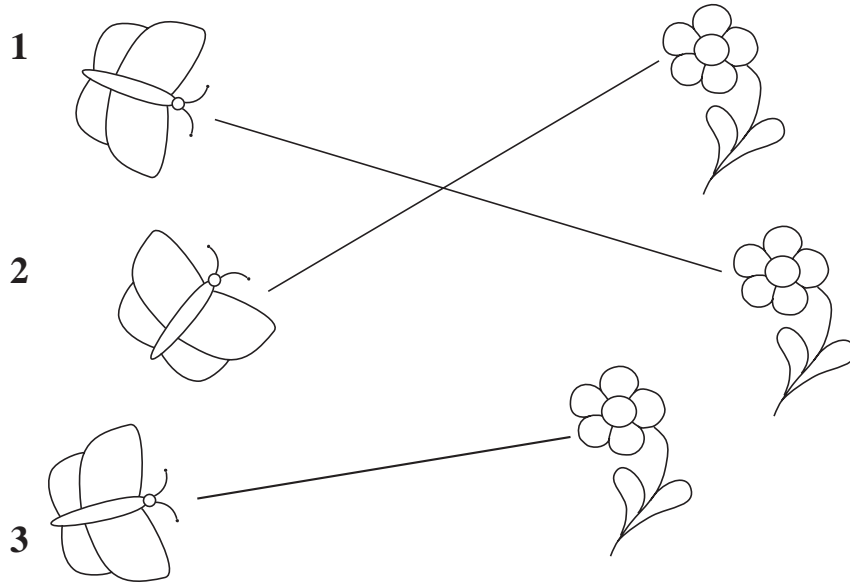
	Estimate	Measurement	Difference
a			
b			
c			
d			
e			

1

Colour the butterflies in different ways. The patterns must be **symmetrical**.

Which butterfly has the shortest distance to fly to its flower?

Estimate first, then check by measuring.

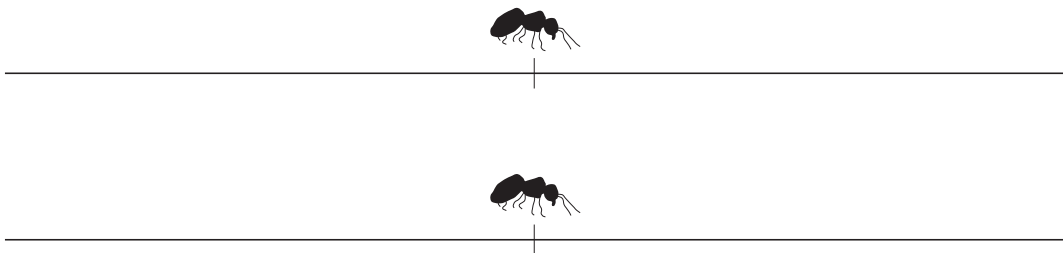


Estimated order:

Measured order:

2

There is a flower on the path 4 cm from Ant. There is a blade of grass 2 cm from the flower. Mark on the lines and draw where they could be.



What is the:

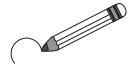
a) closest that the blade of grass could be to Ant? cm

b) furthest away that the blade of grass could be from Ant? cm

3

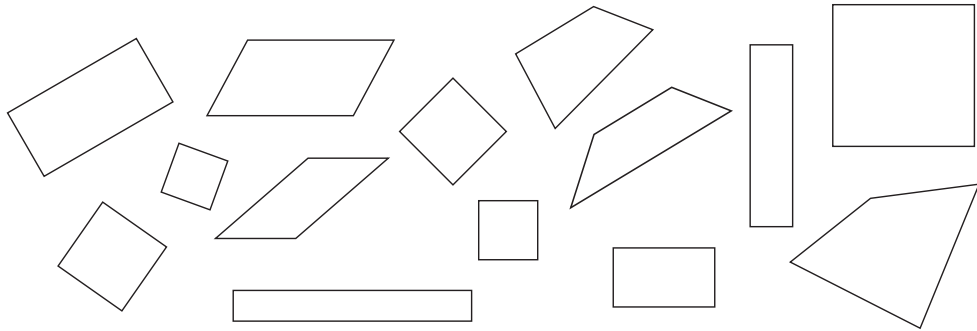
We cut 30 cm from a 4 m length of ribbon. What length of ribbon was left?

m cm



1

- a) Colour blue the quadrilaterals which are **rectangles**.
- b) Circle in red the rectangles which are **squares**.



2

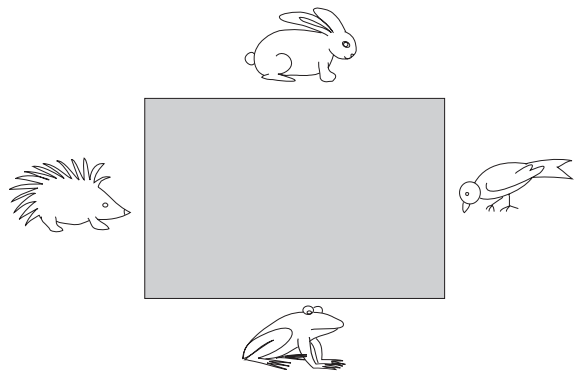
Rabbit is sitting at one side of a rectangular field.

- a) Which animal is sitting on the **opposite** side of the field?

.....

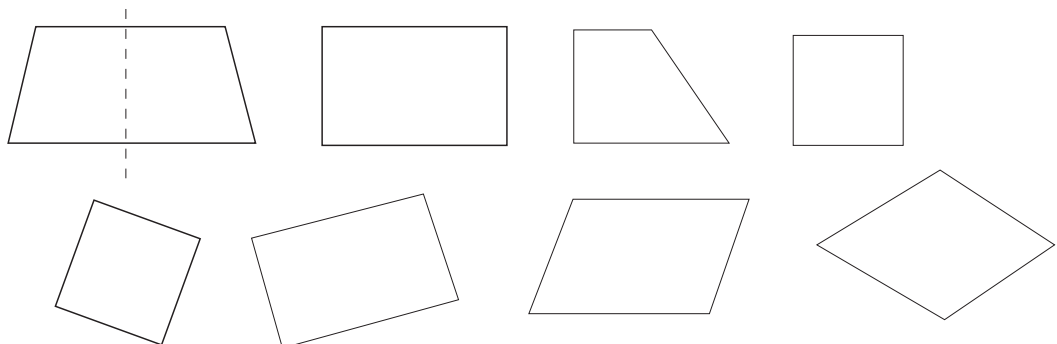
- b) Which animals are sitting on the sides of the field **adjacent** to Rabbit's side?

..... and



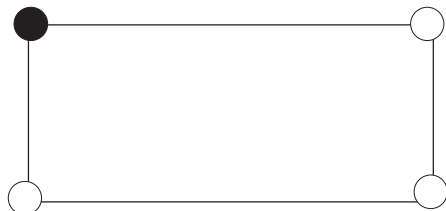
3

- a) Colour yellow the quadrilaterals which can be folded in half so that the two halves cover each other exactly.
- b) Draw in the **fold lines**. Try to find different fold lines.






4

- a) Colour red the vertex **opposite** the black one.
- b) Colour green the vertices **adjacent** to the black one.



1

Find the rule and complete the table. Write the rule in different ways.

	12	33	41	18	45	36	27	48			44	43		
	16	29	24	27	19	36			32	25	18		90	
	28	62	65				39	59	64	36		81	100	

 =

 =

 =

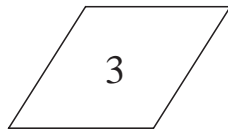
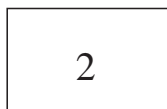
2

Continue the sequences in 2 different ways.



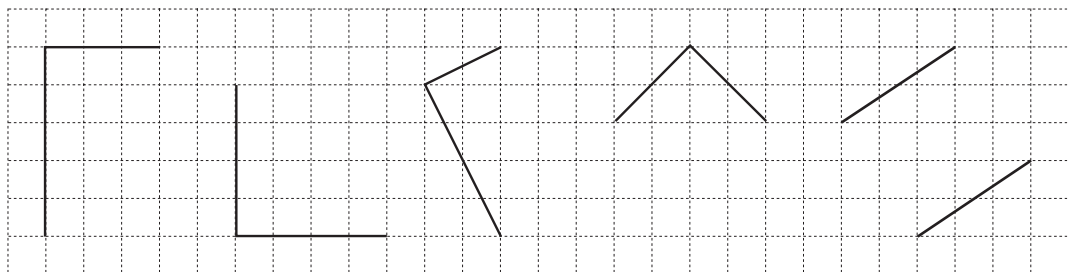
3

Draw over the equal sides of each quadrilateral in the same colour.



4

Draw in the two missing sides of each quadrilateral to form a rectangle.



Colour green the rectangles which are **squares**.

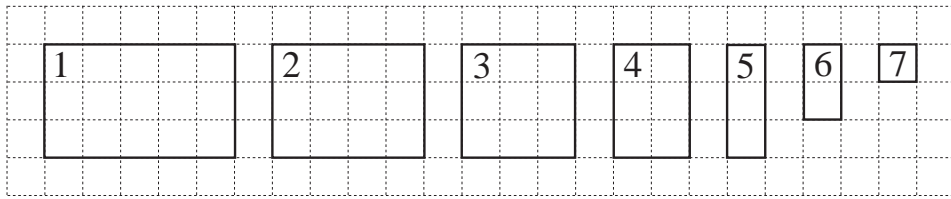
5

How many sides has: a pentagon

a hexagon?

1

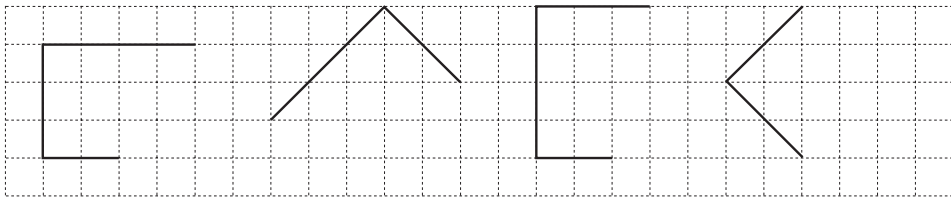
Draw over the equal sides of the rectangles in the same colour.



Write down the numbers of those rectangles which are also squares.

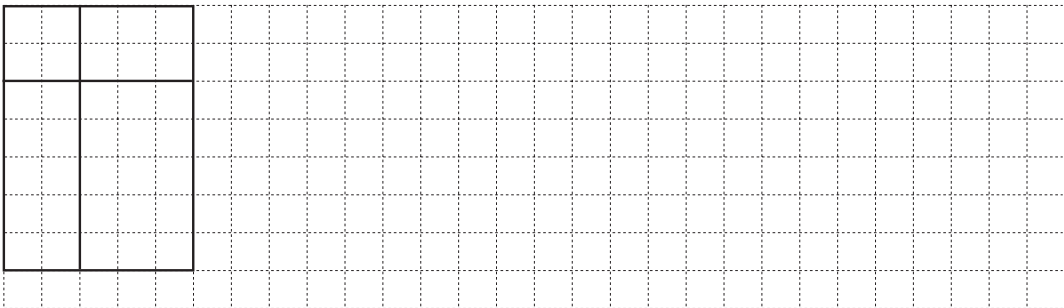
2

Complete each drawing to make a rectangle.



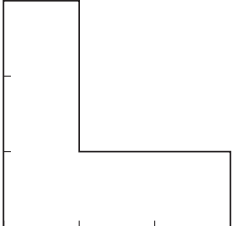

3

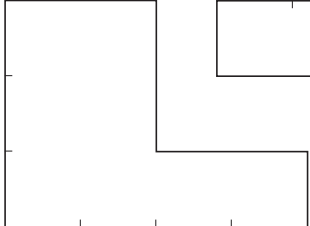

How many rectangles can you see on this figure? Draw each of them again on the grid. Colour the squares blue.

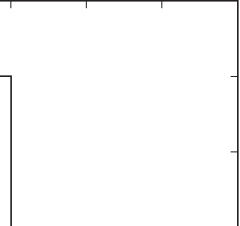



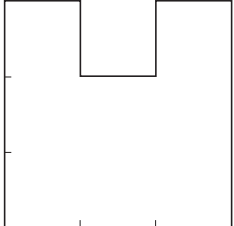
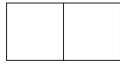
4

How many unit squares can you cover each shape with?  1 unit square

a)   unit squares

b)   unit squares

c)   unit squares

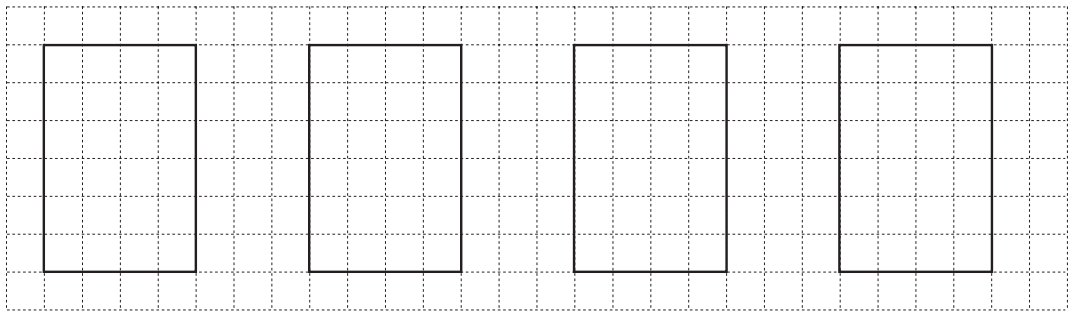
d)   unit squares

1 List the numbers which make the statements true.

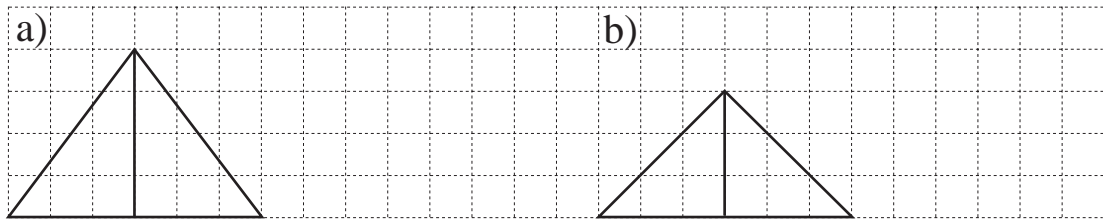
a) $40 + 33 < \triangle < 100 - 23$ \triangle :

b) $87 - 4 < 80 + \bigcirc < 92 - 5$ \bigcirc :

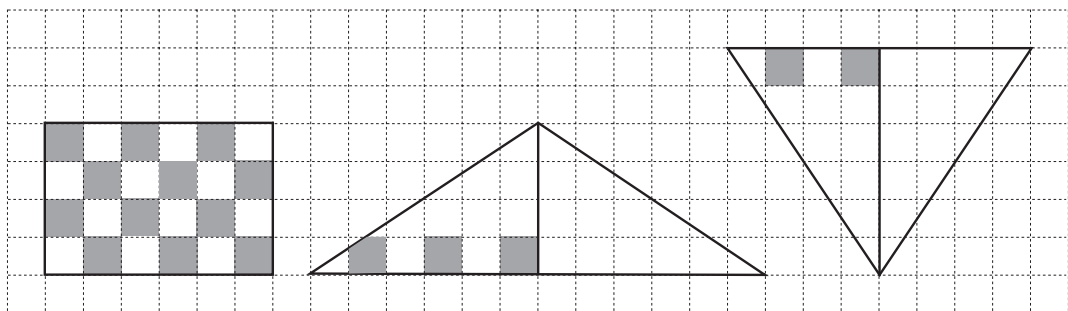
2 Find different ways to colour half of the rectangles.



3 Two rectangles were cut into 2 pieces and these triangles were made from them. Draw the original rectangles.



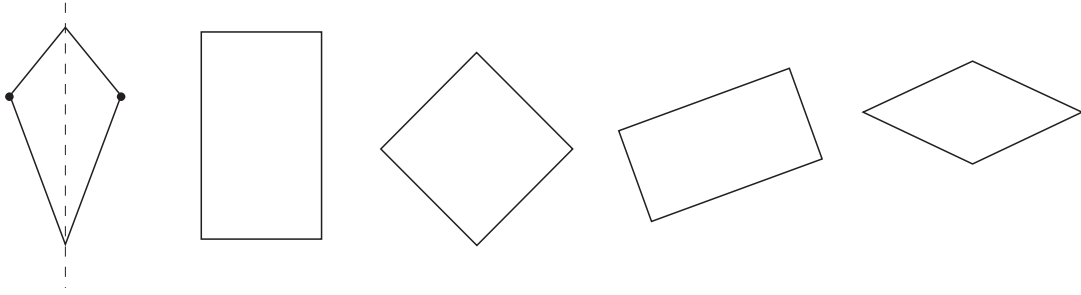
4 The two triangles were made from the rectangle which had been cut into two pieces. Continue the colouring.



5 An **octagon** has 8 sides.
Draw an octagon.

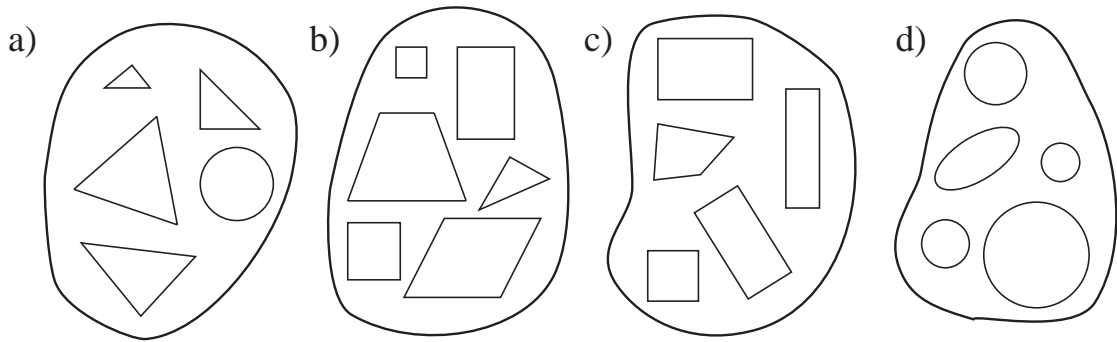
1

Colour yellow the quadrilaterals which can be folded in half so that two **opposite** vertices meet exactly. Draw in the **fold lines**.



2

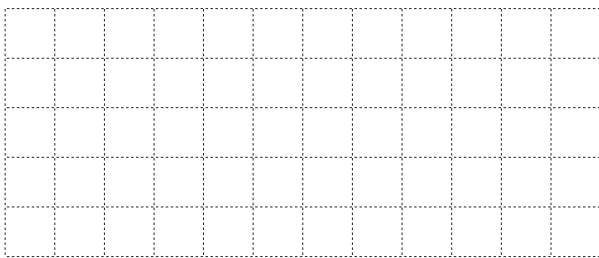
In each set of shapes, colour the shape which does **not** belong.



3

You want to cover the floor of the doll's house with 3 types of tiles.
Colour the floor to show the tiles you would use and fill in the number of tiles needed of each type.

Floor of doll's house



Tiles needed

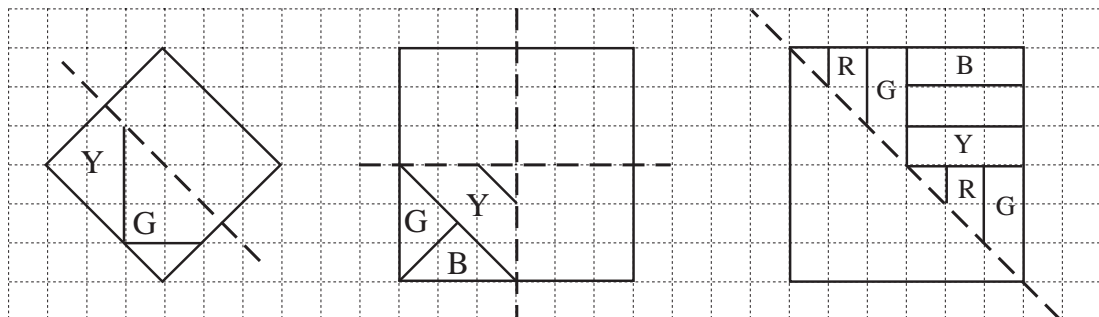
R :

B :

Y :

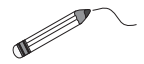
4

Colour as shown. Complete the drawings so that they are **symmetrical**.



1

Join up the equal numbers.



$92 - 56$

$54 - 37$

$87 - 29$

$55 - 39$

$65 - 48$

$84 - 26$

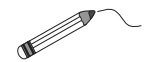
$72 - 36$

$43 - 27$

What do you notice?

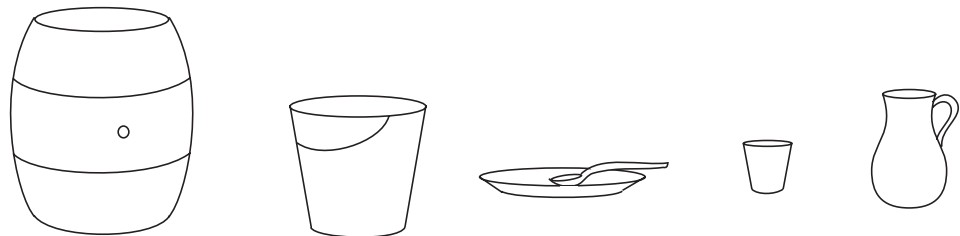
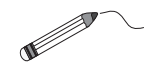
2

Draw arrows towards the container which holds more water.



3

Join up each measure of capacity to a suitable container.



- 50 cl
- 10 litres
- 2 cl
- 100 litres
- 2 litres
- 20 cl

4

Fill in the missing numbers and standard units.

a) $30 \text{ cl} + \boxed{} = 85 \text{ cl}$

b) $1 \text{ litre} - \boxed{} = 28 \text{ cl}$

$\boxed{} + 70 \text{ cl} = 1 \text{ litre}$

$\boxed{} - 49 \text{ cl} = 51 \text{ cl}$

$42 \text{ cl} + \boxed{} = 84 \text{ cl}$

$\boxed{} - 51 \text{ cl} = 49 \text{ cl}$

$63 \text{ cl} + \boxed{} = 91 \text{ cl}$

$1 \text{ litre} - \boxed{} = 0 \text{ cl}$

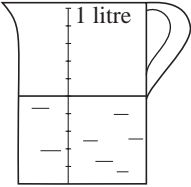
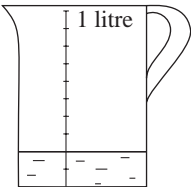
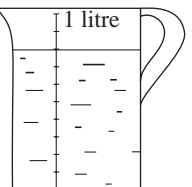
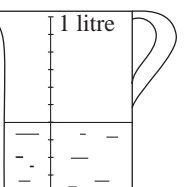
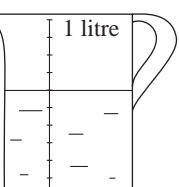
1

If the statement is correct, put a ✓ in the box. If it is incorrect, put a ✗ in the box and correct it.

- a) $26 \text{ cl} + 28 \text{ cl} > 62 \text{ cl}$ b) $38 \text{ cm} + 51 \text{ cm} > 76 \text{ cm}$
 $73 \text{ m} - 24 \text{ m} = 49 \text{ m}$ $64 \text{ kg} - 37 \text{ kg} < 18 \text{ kg}$

2

The measuring jugs can hold 1 litre of water at the most. How much water is in each one? Fill in the missing numbers.

- a)  cl
- b)  cl
- c)  cl
- d)  cl
- e)  cl

3

How many 40 cl glasses can be filled from a jug holding 1 litre 60 cl of lemonade?

Answer: glasses

4

Write an addition or subtraction for each problem

- a) There are 4 litres 60 cl of water in a bucket.

We pour in another 70 cl.

How much water is in the bucket now?

Answer:

- b) There are 3 and a half litres of orange juice in a jug.

We pour out 90 cl.

How much orange juice is left in the jug?

Answer:

- c) How many half litre bottles can be filled from 4 litres of milk?

Answer: bottles

1

When making up a cough mixture, 3 cl of medicine should be mixed with 1 cup of syrup. How much medicine and cups of syrup are needed to make up more cough mixture?



Complete the table.

Number of cups	0	3	5				8	10		6	
Medicine (cl)				21	12	3			6		27

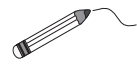
2

Fill in the missing units.

- a) $30 \text{ cl} + 2 \text{ cl} = 32 \dots\dots$
- b) $2 \text{ litres } 80 \text{ cl} + 1 \text{ litre } 20 \text{ cl} = 4 \dots\dots\dots$
- c) $28 \text{ litres} + 12 \text{ litres} = 40 \dots\dots\dots$
- d) $3 \text{ litres } 90 \text{ cl} - 90 \text{ cl} = 3 \dots\dots\dots$
- e) $5 \text{ litres} - 100 \text{ cl} = 4 \dots\dots\dots$
- f) $7 \text{ litres } 30 \text{ cl} - 2 \text{ litres} = 5 \dots\dots\dots 30 \dots\dots$

3

Join up the quantities to the correct statement.



2 litres 40 cl	Less than 3 litres	1 litre 60 cl
3 litres 60 cl	Not less than 3 litres	4 litres – 80 cl
2 litres		3 litres 20 cl
6 litres – 12 cl		4 litres 30 cl
4 litres		5 litres 20 cl – 3 litre 10 cl

4

Fill in the missing numbers and units.

- a) $1 \text{ litre} = \boxed{} \text{ cl}$ b) $1 \dots\dots\dots = 100 \text{ cm}$
- $50 \text{ cl} = \text{half a } \dots\dots\dots$ Half a metre = $\boxed{} \boxed{} \dots\dots$

1

Fill in the missing numbers.

a) $26 + 7 = 41 - \square\square$

b) $7 + 57 = \square\square - 8$

$\square\square + 5 = 63 - 9$

$\square\square + 76 = 9 + 74$

$74 - \square\square = 58 + 7$

$92 - \square\square = 75 + 9$

$\square\square - 8 = 45 + 8$

$6 + 56 = \square\square - 8$

2

Write down a quantity (number and standard unit) which will make the statements true and false.

a) $30 \text{ cl} + \square ? < 39 \text{ cl}$

b) $79 \text{ m} - \square ? > 72 \text{ m}$

True:

True:

False:

False:

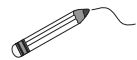
3

Last week, Jack drank 3 litres 40 cl of lemonade and 2 litres 60 cl of milk. How much lemonade and milk did Jack drink last week altogether?

Answer:

4

Join up the quantities in the centre to the equal ones at the sides.



1 litre 40 cl + 3 litres 60 cl

2 litres 10 cl + 90 cl

3 litres

3 litres + 100 cl

2 litres + 30 cl

4 litres

7 litres – 3 litres

5 litres – 2 litres

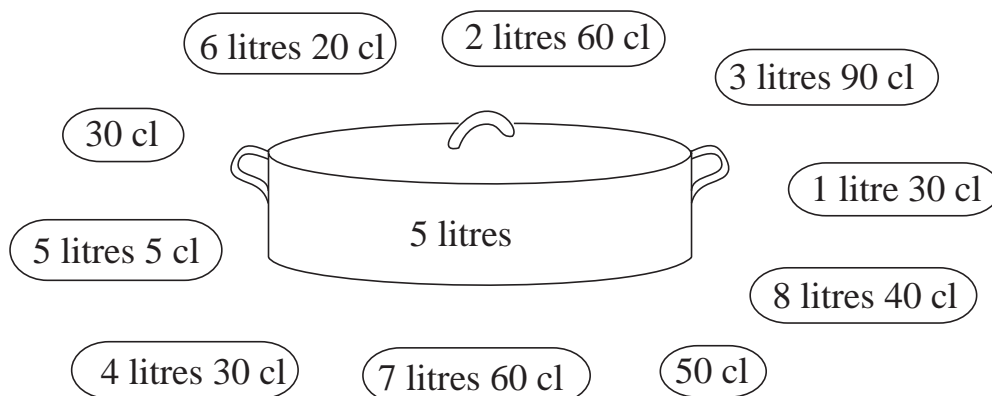
5 litres

4 litres 60 cl – 1 litre 60 cl

6 litres – 100 cl

1

Cross out the quantities which will not go into the empty 5 litre pot.

**2**

Fill in the missing numbers and units.

- a) $20 \text{ cl} + 90 \text{ cl} = 1 \text{ litre } \boxed{} \boxed{} \text{ cl}$
- b) $6 \text{ litres} - 50 \text{ cl} = \boxed{} \text{ litres } \boxed{} \boxed{} \text{ cl}$
- c) $1 \text{ litre } 80 \text{ cl} + \boxed{} = 2 \text{ litres } 30 \text{ cl}$
- d) $\boxed{} + 36 \text{ cl} = 72 \text{ cl}$
- e) $\boxed{} + 30 \text{ cl} = 1 \text{ litre} - 47 \text{ cl}$
- f) $\boxed{} + 78 \text{ cl} = 2 \text{ litres} - 22 \text{ cl}$
- g) $0 \text{ litres} + \boxed{} = 40 \text{ cl}$

3

Calculate the sums and write in the missing signs. (<, > or =)

- a) $38 \text{ litres} + 47 \text{ litres} = \boxed{} \boxed{} \text{ litres } \boxed{} \text{ } 100 \text{ litres}$
- b) $48 \text{ litres} + 52 \text{ litres} = \boxed{} \boxed{} \text{ } 100 \text{ litres}$
- c) $78 \text{ litres} - 25 \text{ litres} = \boxed{} \boxed{} \text{ litres } \boxed{} \text{ } 50 \text{ litres}$
- d) $96 \text{ litres} - 45 \text{ litres} = \boxed{} \boxed{} \text{ litres } \boxed{} \text{ } 50 \text{ litres}$
- e) $1 \text{ litre } 78 \text{ cl} + 23 \text{ cl} = \boxed{} \boxed{} \text{ } 2 \text{ litres}$