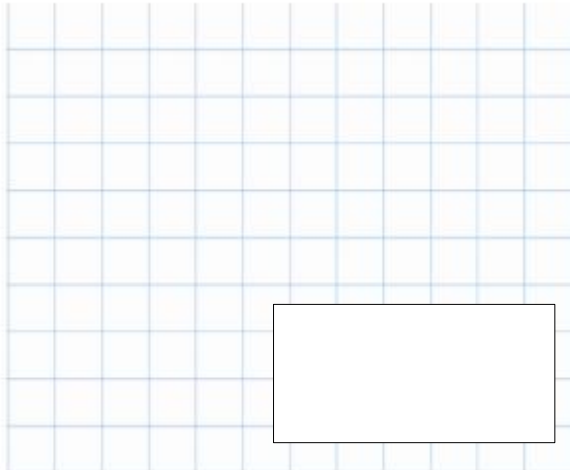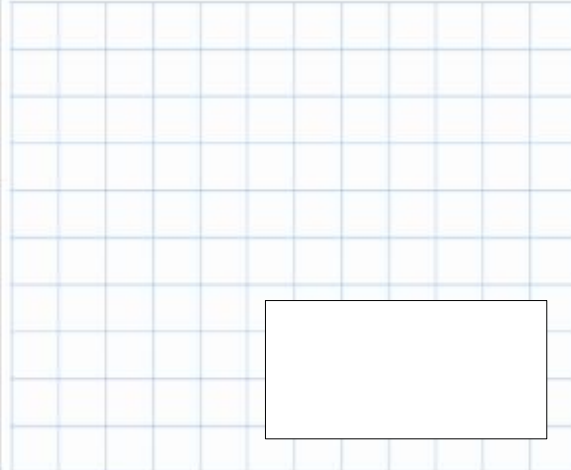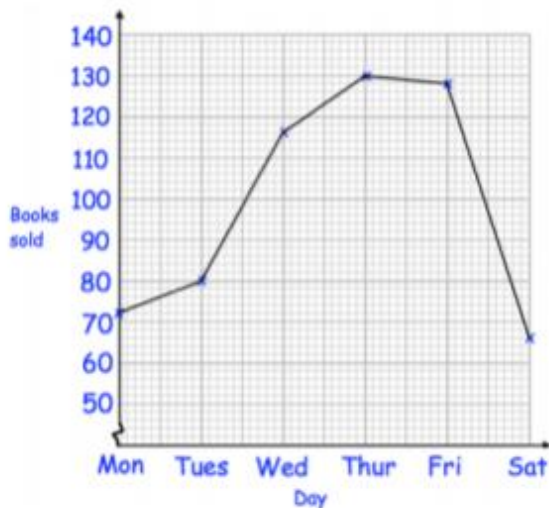| $1,560 - 444$	$108 \div 12$
The distance across Earth is 12,742km Write 12,742 in words	

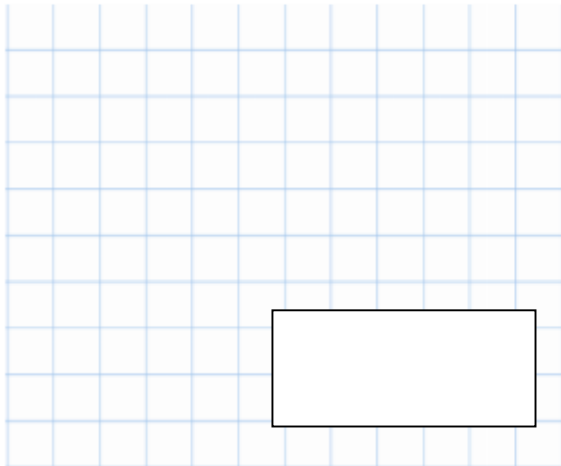

On which day were the most books sold?

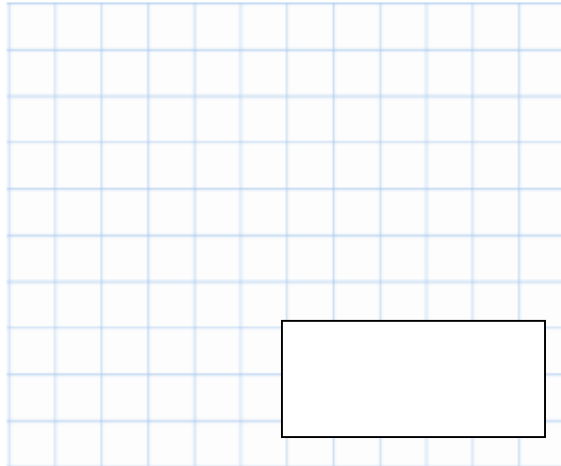On which day were 80 books sold in total?

$$\frac{7}{15} + \frac{4}{15}$$

$$6{,}000 - \boxed{} = 758$$

Draw all the lines of symmetry onto the arrow

How many lines of symmetry were there?

Find the missing two numbers

78 103 128 $\boxed{}$ $\boxed{}$

Plot the points

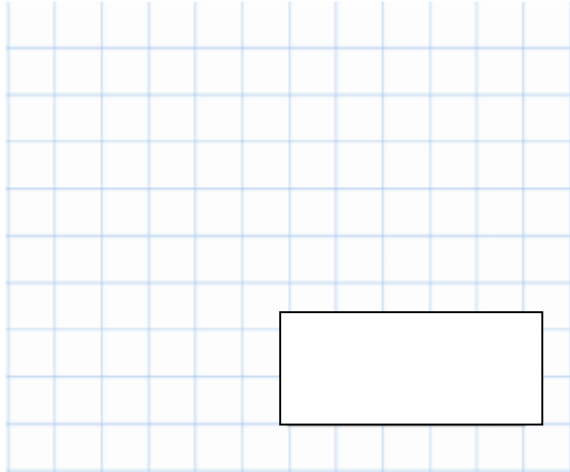(3, 3)   (5, 3)   (0, 5)

Join the points to make a triangle

Draw this out on paper.
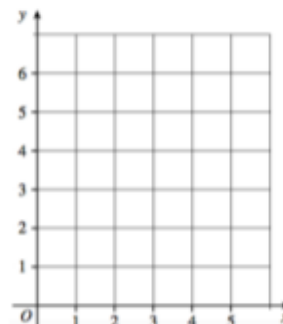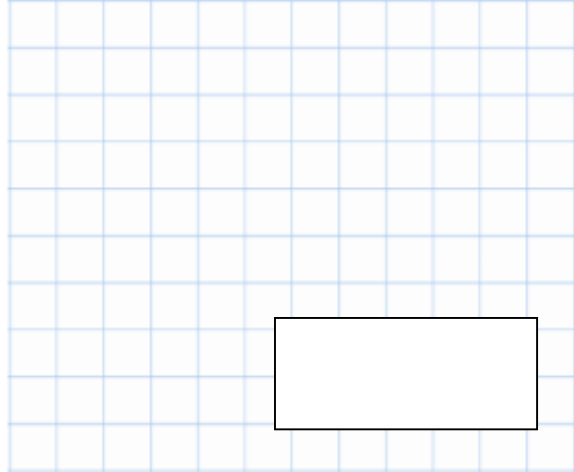
$6 \times 5 \times 15$	$4.7 + 6.8$
Round 671 to the nearest hundred	Round 3189 to the nearest thousand
A tin has 120 cookies inside. 8 children each take 6 cookies. How many cookies are left in the tin?	
What is 135 minutes in hours and minutes?	☐ hours ☐ minutes
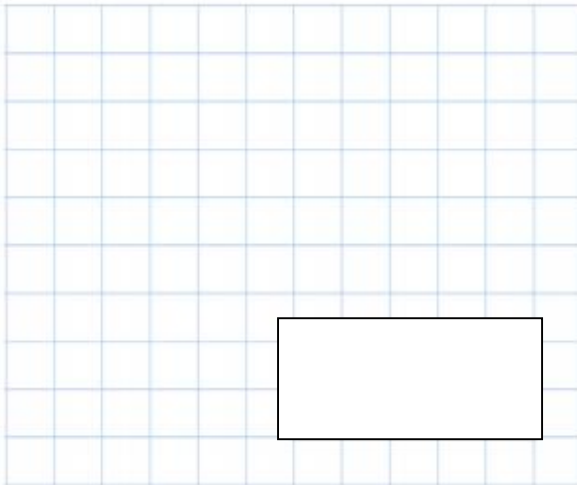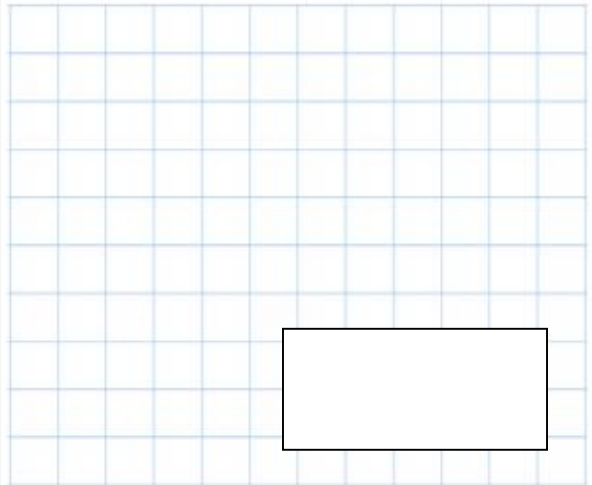
$4.9 + 2.2$	$5,000 \div 10$

Match each measurement to the type of angle.
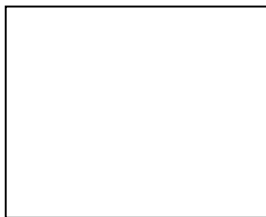
180°	Reflex angle
79°	Acute angle
90°	Straight line
198°	Right angle
94°	Obtuse angle

Total of 100

← Total of 79

Each shape stands for a number

Work out the value of each shape

△ =

🟥 =

$3,232 + 800$

7×56

A

B

C

D
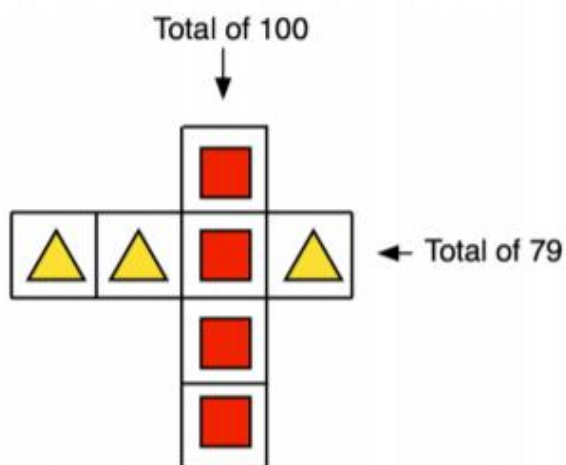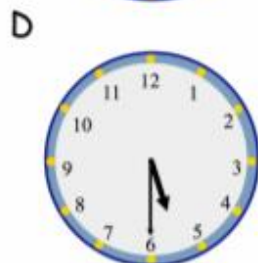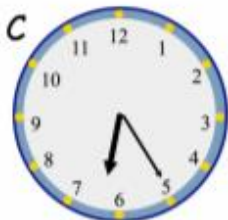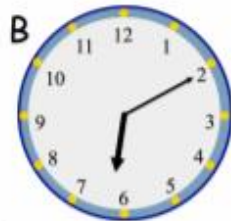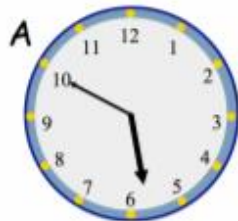
Which clock shows 17:30?

Which clock shows 18:25?

Beth runs 200m on Monday, Tuesday, Wednesday, Thursday and Friday.

How far has she run in total?

Give your answer in kilometres

Task 2

After you have worked through task 1, have a go at answering the following questions. The answers are at the end of this document.

1

Th	H	T	O
1,000 1,000 1,000 1,000 1,000 1,000 1,000	100 100 100	10	1 1 1 1 1

Complete the subtractions.

a)

	7	3	1	5
−	2	1	0	4

c)

	7	3	1	5
−	5	4	2	0

b)

	7	3	1	5
−	3	2	4	1

Answers

a)

b)

c)

2 Complete the calculations.

a)

	8	4	3	4
−	2	1	0	4

b)

£	8	8	2	0	0
− £		6	1	0	0

Answers

a)

b)

3 A family has £22,658 in the bank.

They spend £3,600 on a holiday.

How much money do they have left?

Answer

4)

Complete the models.

a)

63,826

12,532
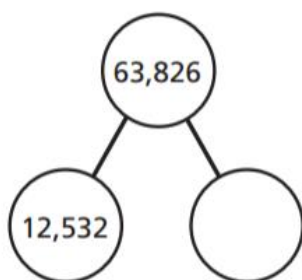
Answer

b)

23,000		
12,365	4,017	

Answer

5)

52 064 - 25 934

Answer

86 807 - 32 653

Answer

1)

It is 10,553 miles from London to Sydney.

It is 9,929 miles from New York to Sydney.

How much further away is Sydney from London than from New York?

Answer

2)

Mr Hall has written these subtractions on the board.

45,541 − 25,865   68,945 − 34,758

Rosie's workings   **Whitney's workings**

```
   2 5 8 6 5              6 8 9 4 5
 − 4 5 5 4 1            − 3 4 7 5 8
 ─────────              ─────────
   2 0 3 2 4              3 4 2 1 3
```

Explain the mistakes that Rosie and Whitney have made.

Answer

Rosie

Whitney

3)   Teddy and Jack are playing a computer game.

Teddy scores 55,890 points.

Jack scores 36,475 points fewer than Teddy.

How many points does Jack score?

Answer

How many points do they have altogether?

Answer

4)

Here are the flight times, in seconds, for each flying team.

Sea Beast	Number One	High Fliers	The Conjurers	Fantastic French
82 507	80 198	75 259	72 043	78 360

a) Which teams have a time difference of 3101?

b) Which two teams have the greatest time difference? How about the smallest time difference? Prove it!

5)

Here are some digit cards.

| 1 | 5 | 8 | 9 |

Ron makes a 4-digit number with the cards.

Eva makes a 4-digit number with the cards.

The difference between their numbers is between 1,000 and 3,000

What numbers could Ron and Eva have made?

1) Can you identify the missing digits in these two calculations?

	☐	2	☐	6	4
-	2	☐	5	4	3
	4	2	5	☐	1

	9	☐	☐	0	8
-	2	4	1	☐	☐
	☐	8	1	3	0

Answer

Answer

2) I have 3 whole numbers: A, B and C.

Each has 5 digits.

The difference between A and B is 12 345 and the difference between B and C is 54 321.

What could my numbers be? Find 3 possibilities and show your workings.

A=	A=	A=
B=	B=	B=
C=	C=	C=

Answers

Monday- 5 a day

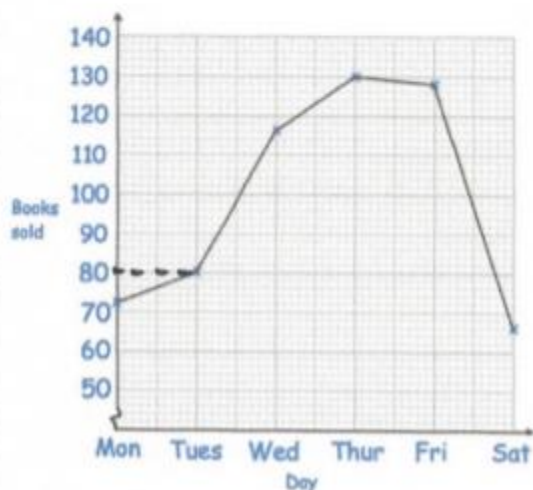|	
$1,560 - 444$ $1\,5\overset{5}{\cancel{6}}\,\overset{1}{0}$ 444 $\overline{1116}$ 1116	$108 \div 12$ 9
The distance across Earth is 12,742km Write 12,742 in words Twelve thousand, seven hundred and forty two	
  Books sold: 140, 130, 120, 110, 100, 90, 80, 70, 60, 50 Day: Mon, Tues, Wed, Thur, Fri, Sat	On which day were the most books sold? Thursday On which day were 80 books sold in total? Tuesday

Tuesday 5 a day

$\dfrac{7}{15} + \dfrac{4}{15}$ $\boxed{\dfrac{11}{15}}$	$6{,}000 - \boxed{} = 758$ $\begin{array}{r} 5\,\overset{9}{\cancel{6}}\,\overset{9}{\cancel{0}}\,\overset{9}{\cancel{0}}\,{}^{,}0 \\ -\quad 7\ 5\ 8 \\ \hline 5\ 2\ 4\ 2 \end{array}$ $\boxed{5242}$
Draw all the lines of symmetry onto the arrow	
Find the missing two numbers 78 103 128 153 178 (each +25)	
Plot the points (3, 3) (5, 3) (0, 5) Join the points to make a triangle	
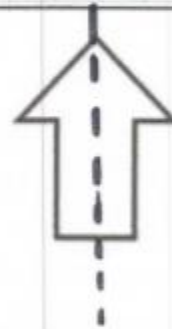
Wednesday- 5 a day

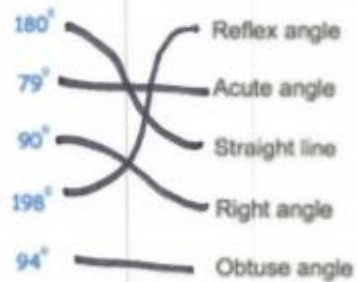| $6 \times 5 \times 15$	$4.7 + 6.8$
$6 \times 5 = 30$ 30×15 450	$\begin{array}{r} 4\ .\ 7 \\ 6\ .\ 8 \\ \hline 1\,1\ .\ 5 \end{array}$ 11.5
Round 671 to the nearest hundred <u>700</u>	Round 3189 to the nearest thousand <u>3000</u>
A tin has 120 cookies inside. 8 children each take 6 cookies. How many cookies are left in the tin? $8 \times 6 = 48$	$\begin{array}{r} 120 \\ -\ 48 \\ \hline 72 \end{array}$ $120 - 48 = \underline{72}$
What is 135 minutes in hours and minutes? 2 hours = 120 minutes	2 hours 15 minutes

Thursday- 5 a day

$4.9 + 2.2$	$5,000 \div 10$

$$\begin{array}{r} 4\ .\ 9 \\ 2\ .\ 2 \\ \hline 7\ .\ 1 \\ {}_{1} \end{array}$$

7.1		Soo

Match each measurement to the type of angle.

180°	Reflex angle
79°	Acute angle
90°	Straight line
198°	Right angle
94°	Obtuse angle

Total of 100
↓

25
△ △ 25 △ ← Total of 79
25
25
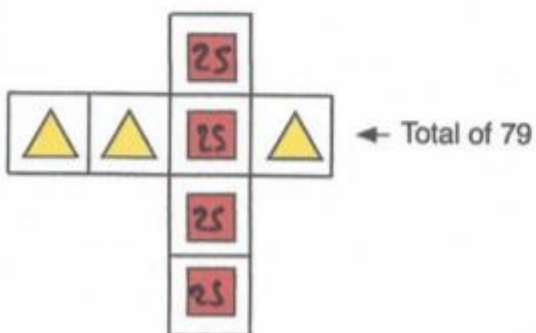
Each shape stands for a number

Work out the value of each shape

$100 \div 4 = 25$

$79 - 25 = 54$

$54 \div 3 = 18$

$$3\overline{)54} \quad 18$$
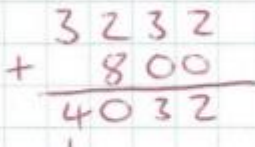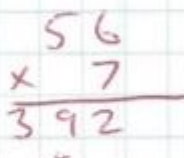
$$\triangle = \underline{18}$$

$$\blacksquare = \underline{25}$$

Friday- 5 a day

$3,232 + 800$	7×56
$\begin{array}{r} 3\,2\,3\,2 \\ +\ \ \ 8\,0\,0 \\ \hline 4\,0\,3\,2 \\ \hline \end{array}$ 4032	$\begin{array}{r} 5\,6 \\ \times\ \ \ 7 \\ \hline 3\,9\,2 \\ \hline \end{array}$ 392
A, B, C, D clocks	**Which clock shows 17:30?** D
	Which clock shows 18:25? C
Beth runs 200m on Monday, Tuesday, Wednesday, Thursday and Friday. How far has she run in total? Give your answer in kilometres	$200 \times 5 = 1000$m 1KM

<u>Answers- Task 2</u>

1)

Complete the subtractions.

a)

		7	3	1	5
	−	2	1	0	4
		5	2	1	1

c)

		7	3	1	5
	−	5	4	2	0
		1	8	9	5

b)

		7	3	1	5
	−	3	2	4	1
		4	0	7	4

2)

Complete the calculations.

a)

		8	4	3	4
	−	2	1	0	4
		6	3	3	0

b)

		£	8	8	2	0	0
	−	£		6	1	0	0
		£	8	2	1	0	0

3)   A family has £22,658 in the bank.

They spend £3,600 on a holiday.

How much money do they have left?

£19,058

4)

Complete the models.

a)

b)

23,000		
12,365	4,017	6,618

5)

a) 24,130

b) 54,154

Answers- Task 3

1)

It is 10,553 miles from London to Sydney.

It is 9,929 miles from New York to Sydney.

How much further away is Sydney from London than from New York?

| 624 | miles

2) Send your answers to your teachers to check!

3)

Teddy and Jack are playing a computer game.

Teddy scores 55,890 points.

Jack scores 36,475 points fewer than Teddy.

How many points does Jack score?

19,415

How many points do they have altogether?

75,305

4)

a) *High Fliers and Fantastic French*

b) *Sea Beast and The Conjurers (10 464). Number One and Fantastic French (1838). Look for children who explain their reasoning about number selection, e.g. taking the largest and smallest numbers to find the greatest difference and the two closest numbers for the smallest difference, rather than trying every combination of numbers to find the correct answer.*

5)

Here are some digit cards.

| 1 | 5 | 8 | 9 |

Ron makes a 4-digit number with the cards.

Eva makes a 4-digit number with the cards.

The difference between their numbers is between 1,000 and 3,000

What numbers could Ron and Eva have made?

E.g.   8,591   and   9,815

Answers- Challenge

1)

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

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

2) One example combination of possible answers:

A = 65 123	A = 56 032	A = 87 325
B = 77 468	B = 68 377	B = 74 980
C = 23 147	C = 14 056	C = 20 659