

YEAR 5 MATHS HOME LEARNING

Monday- 5 a day

$$4.4 + 2.7 + 1.5$$

$$\begin{array}{r} 334 \\ \times 6 \\ \hline \end{array}$$

At a Bath Rugby match, there were 13,400 people

Write 13,400 in words



Here are some shapes made of squares

A fraction of each shape is shaded

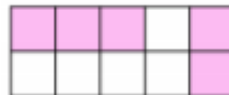
Match each shape to its equivalent fraction

Shape 1=

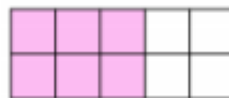
Shape 2=

Shape 3 =

Shape 4 =



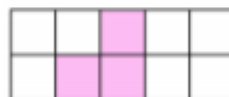
$$\frac{3}{5}$$



$$\frac{3}{10}$$



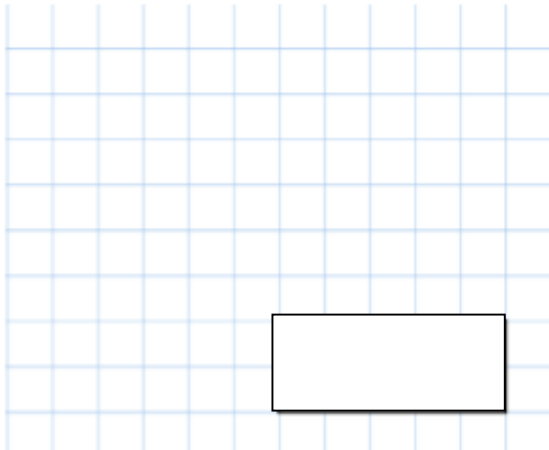
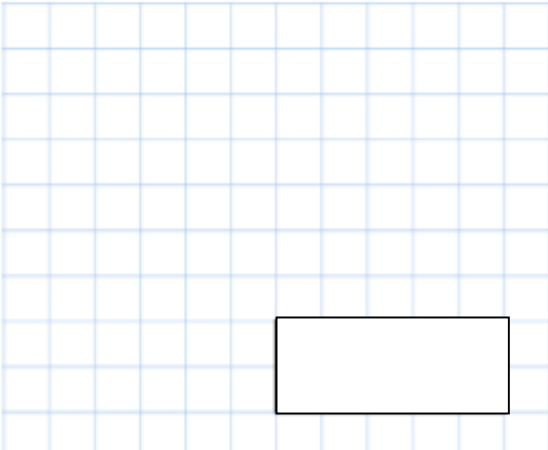

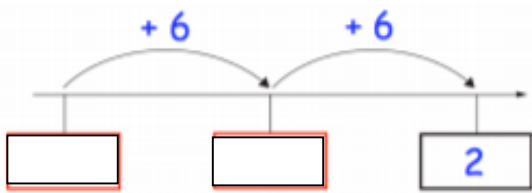
$$\frac{1}{2}$$



$$\frac{2}{5}$$

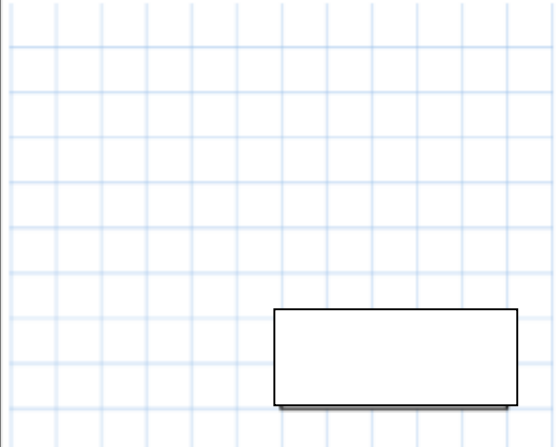
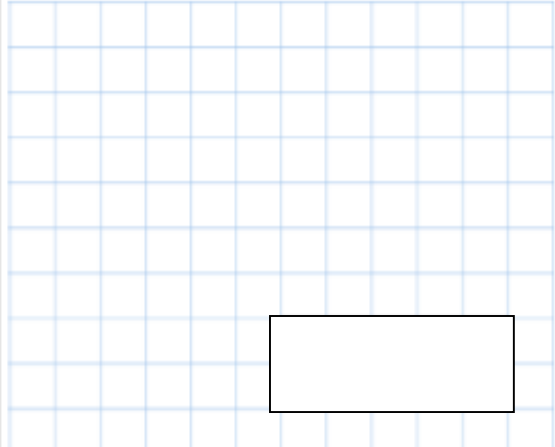
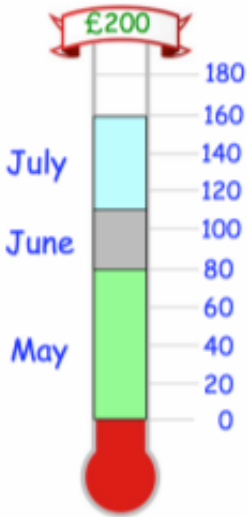
YEAR 5 MATHS HOME LEARNING

Tuesday- 5 a day

$\frac{3}{7} + \frac{2}{7}$  <div data-bbox="446 757 683 855" style="border: 1px solid black; width: 148px; height: 44px; margin: 10px auto;"></div>	90×40  <div data-bbox="1024 757 1260 855" style="border: 1px solid black; width: 148px; height: 44px; margin: 10px auto;"></div>
<p>3 bananas cost £0.99 4 apples cost £1.12</p> <p>How much more does one banana cost than one apple?</p>	 <div data-bbox="758 1064 1173 1220" style="border: 1px solid black; padding: 5px;"> <p>1 apple costs=</p> <p>1 banana costs =</p> <p>So a banana is ____ more</p> </div>
<p>Here is part of a number line</p> <p>Write missing numbers in the boxes</p>	
<p>Find the two missing digits in this multiplication</p>	$ \begin{array}{r} 4 \square \\ \times \quad 6 \\ \hline \square 94 \end{array} $

YEAR 5 MATHS HOME LEARNING

Wednesday- 5 a day

30×200  <div style="border: 1px solid black; width: 150px; height: 40px; margin: 20px auto;"></div>	$12 \times 12 \times 2$  <div style="border: 1px solid black; width: 150px; height: 40px; margin: 20px auto;"></div>
<p>Look at this number.</p> <p style="text-align: center;">3,154.6</p> <p>Write the digit that is in the tenths place</p>	<div style="border: 1px solid black; width: 150px; height: 40px; margin: 20px auto;"></div>
<p>A youth club plans to collect £200 between the start of May and end of August.</p>  <p style="text-align: right;">Money collected in £</p>	<p>How much money does the youth club need to collect in August to reach £200?</p> <div style="border: 1px solid black; width: 150px; height: 40px; margin: 20px auto;"></div> <p>How much money was collected in June?</p> <div style="border: 1px solid black; width: 150px; height: 40px; margin: 20px auto;"></div>

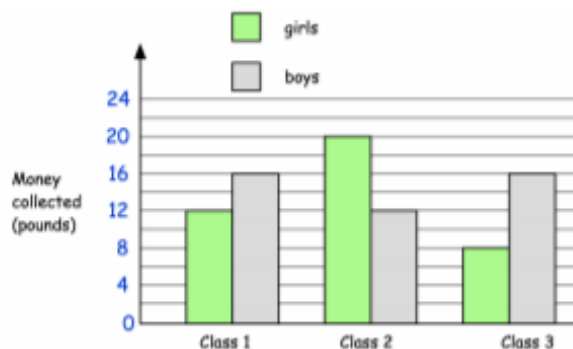
Thursday- 5 a day

$$\boxed{} \div 100 = 60$$

$$8.9 + 2.9$$

Three classes at a primary school collected some money for charity.

The chart shows how much money the boys and girls collected.



In class 2, how much more money did the girls collect than the boys?

How many classes collect more than £30?

Tie



1 for £7.50

Socks



2 pairs for £4.99

Trainers







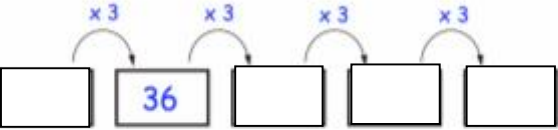

1 pair for £13

Nicole buys a tie and 2 pairs of socks. She pays with a £20 note.

How much change does she get?

YEAR 5 MATHS HOME LEARNING

Friday- 5 a day

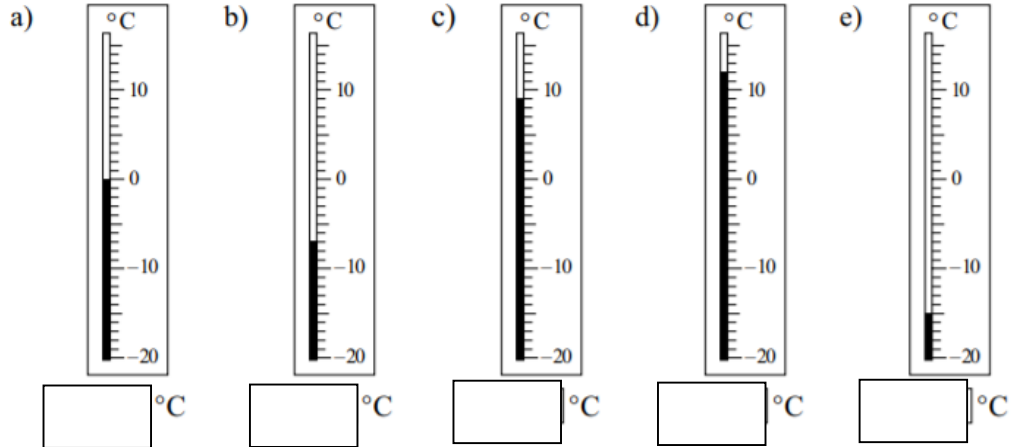
<p>$7,660 + 155$</p> 	 
<p>Put these temperatures in order, starting with the lowest</p> <p>-14°C 9°C 15°C -8°C 3°C</p>	
<p>Fill in the missing numbers</p>	
<p>A football team brings 8 coaches to a football match.</p> <p>Each coach holds 53 fans.</p> <p>How many fans in total are brought to the match by the 8 coaches?</p>	

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

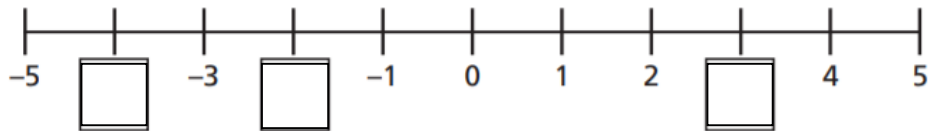
What temperature does each thermometer show?



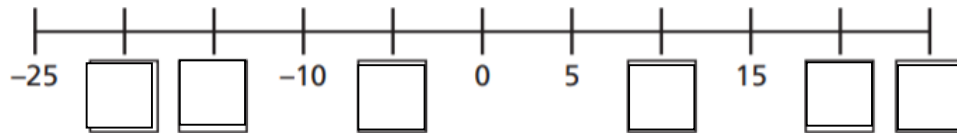
2)

Complete the number lines.

a)

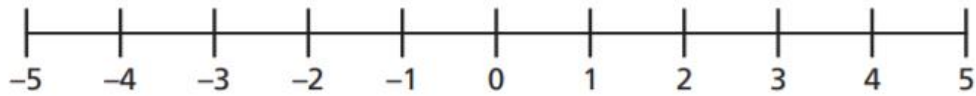


b)



3

Use the number line to find the difference between the numbers. Complete the sentences.



a) The difference between 3 and 5 is

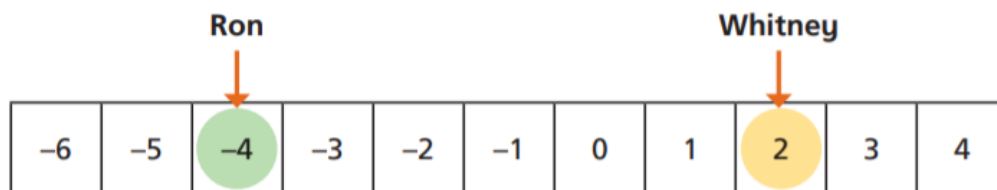
b) The difference between -3 and 5 is

c) The difference between -1 and 1 is

d) The difference between -5 and 5 is

4)

Whitney and Ron are playing a game.



Ron moves forwards 5 spaces.

What number is his counter on now?

Whitney moves back 7 spaces.

What number is her counter on now?

Task 3

The temperature on Monday was 4°C .

- 1) **a)** That night the temperature fell by 7°C .

What was the temperature at night?

The temperature on Monday night was

- b)** On Tuesday the temperature was 13°C .

By how many degrees did the temperature rise from Monday night to Tuesday?

The temperature rose by

from Monday night to Tuesday night.

- 2)

Teddy is on the 4th floor of an office building, which is 14 metres above the ground.

Rosie is in the underground car park, which is 3 metres below the ground.

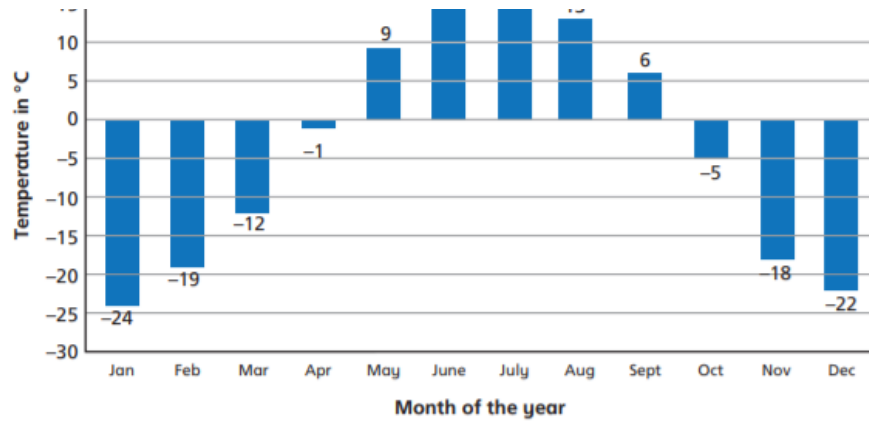
How far apart are they?

Teddy and Rosie are

apart.

3)

This bar chart shows average temperatures for each month at the North Pole.



a) On average, which month is the hottest?

b) On average, which month is the coldest?

c) What is the difference in temperature between the hottest and coldest months?

d) By how many degrees does the temperature rise between March and August?

e) By how many degrees does the temperature fall between June and November?

f) How many months of the year is the temperature below freezing?

g) In which months does the average temperature drop below freezing?

4)

What is the difference between the two temperatures?

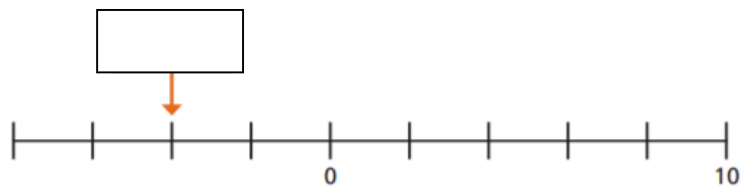
a) On a January day at dawn the temperature was -3°C . At mid-day it was 11°C .

b) In the Sahara Desert, the temperature was 43°C at noon and -4°C at night.

c) In Eastern Siberia the summer temperature is sometimes 30°C and the winter temperature is sometimes -70°C .

5)

a) What number is the arrow pointing to?



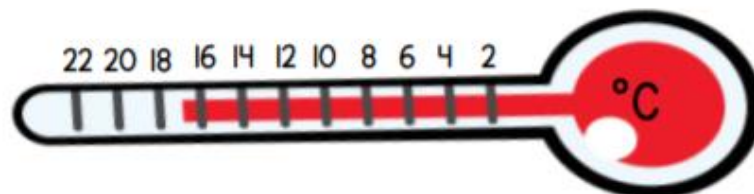
b) What number is halfway between C and D?



The number halfway between C and D is

6)

The thermometer shows the temperature in London in May.



In January the temperature was 20 degrees colder.

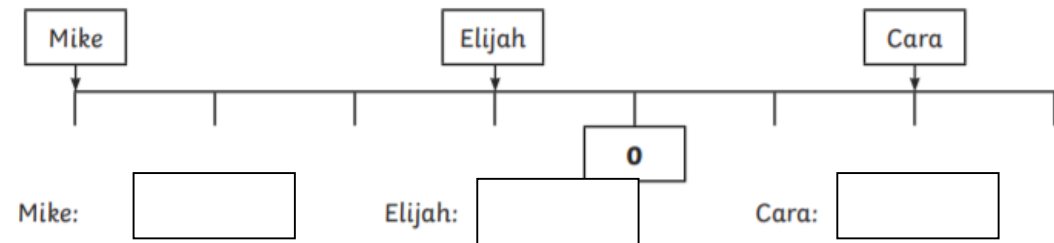
What was the temperature in London in January?

 °C

Challenge

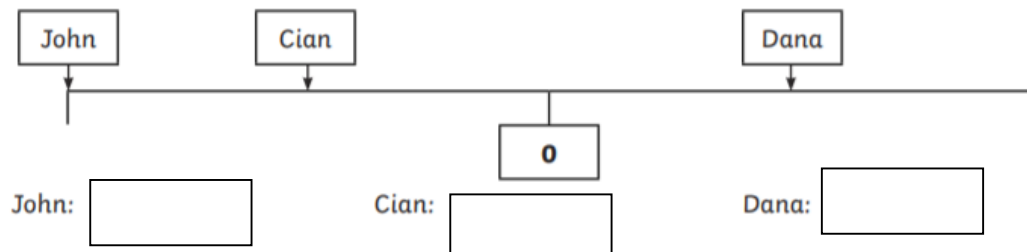
1)


- a) At level 2 these players' scores are shown on a different scale. The difference between Mike and Cara's scores is 72. Work out each player's score.




b)

These players have made it to level 3 of the computer game. The difference between John and Dana's score is 90. Find each player's score.






The difference between -5 and -9 = 

2)

The number exactly half way between -1 and 5 = 

-5 + 8 = 

Work out  x  x  =

3)

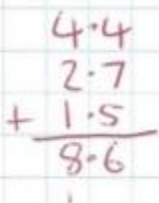
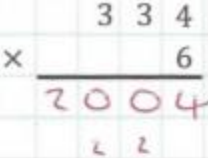

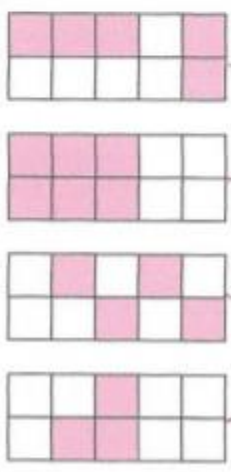
Put these statements in order so that the answers are from smallest to largest.

The difference between -24 and -76	<input type="text"/>
The even number that is less than -18 but greater than -22	<input type="text"/>
The number that is half way between 40 and -50	<input type="text"/>
The difference between -6 and 7	<input type="text"/>

ANSWERS

YEAR 5 MATHS HOME LEARNING

Monday- 5 a day

<p>$4.4 + 2.7 + 1.5$</p>  <div data-bbox="475 734 694 824" style="border: 1px solid black; padding: 5px; display: inline-block;">8.6</div>	 <div data-bbox="1013 734 1228 824" style="border: 1px solid black; padding: 5px; display: inline-block;">2004</div>
<p>At a Bath Rugby match, there were 13,400 people</p> <p>Write 13,400 in words</p>	 <p>Thirteen thousand, four hundred</p>
<p>Here are some shapes made of squares</p> <p>A fraction of each shape is shaded</p> <p>Match each shape to its equivalent fraction</p>	 <div data-bbox="1173 1198 1268 1299" style="border: 1px solid black; padding: 5px; display: inline-block;">$\frac{3}{5}$</div> <div data-bbox="1173 1321 1268 1422" style="border: 1px solid black; padding: 5px; display: inline-block;">$\frac{3}{10}$</div> <div data-bbox="1173 1444 1268 1545" style="border: 1px solid black; padding: 5px; display: inline-block;">$\frac{1}{2}$</div> <div data-bbox="1173 1568 1268 1668" style="border: 1px solid black; padding: 5px; display: inline-block;">$\frac{2}{5}$</div>

Tuesday- 5 a day

$$\frac{5}{7}$$

3600

3 bananas cost £0.99
4 apples cost £1.12

How much **more** does one banana cost than one apple?

$$\begin{aligned} 0.94 \div 3 &= 0.33 \\ 1.12 \div 4 &= 0.28 \end{aligned}$$

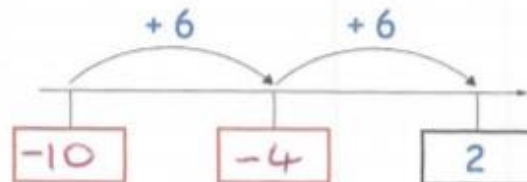


$$\begin{array}{r} 0.33 \\ - 0.28 \\ \hline 0.05 \end{array}$$

5P

Here is part of a number line

Write missing numbers in the boxes



Find the two missing digits in this multiplication

$$\begin{array}{r} 49 \\ \times 6 \\ \hline 294 \end{array}$$

Wednesday- 5 a day

6000

288

6

430

YEAR 5 MATHS HOME LEARNING

Thursday- 5 a day

$$6000 \div 100 = 60$$

6000

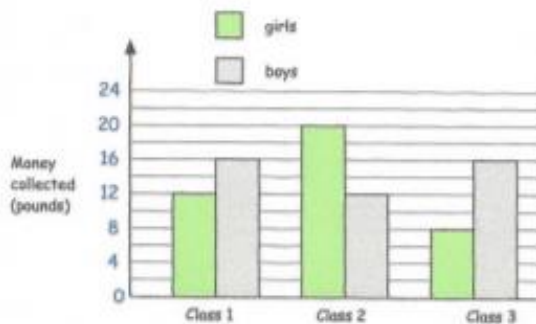
$$8.9 + 2.9$$

$$\begin{array}{r} 8.9 \\ + 2.9 \\ \hline 11.8 \end{array}$$

11.8

Three classes at a primary school collected some money for charity.

The chart shows how much money the boys and girls collected.



In class 2, how much more money did the girls collect than the boys?

$$20 - 12 = 8$$

£8

How many classes collect more than £30?

$$\begin{array}{l} 12 + 16 = 28 \\ 20 + 12 = 32 \\ 8 + 16 = 24 \end{array}$$

1

<p>Tie</p>  <p>1 for £7.50</p>	<p>Socks</p>  <p>2 pairs for £4.99</p>	<p>Trainers</p>  <p>1 pair for £13</p>
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£2.52

Nicole buys a tie and 2 pairs of socks. She pays with a £20 note.

How much change does she get?

$$\begin{array}{r} 7.50 \\ 4.99 \\ + 4.99 \\ \hline 17.48 \end{array}$$

$$\begin{array}{r} 20.00 \\ - 17.48 \\ \hline 2.52 \end{array}$$

YEAR 5 MATHS HOME LEARNING

Friday – 5 a day

$$7,660 + 155$$

$$\begin{array}{r} 7660 \\ + 155 \\ \hline 7815 \end{array}$$

7815

$$\begin{array}{r} 141 \\ 5 \overline{) 7205} \end{array}$$

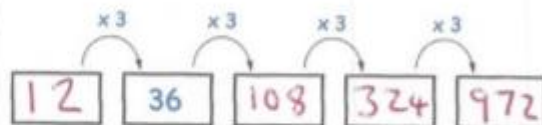
141

Put these temperatures in order, starting with the lowest

-14°C 9°C 15°C -8°C 3°C

$-14, -8, 3, 9, 15$

Fill in the missing numbers



A football team brings 8 coaches to a football match.

Each coach holes 53 fans.

How many fans in total are brought to the match by the 8 coaches?

424

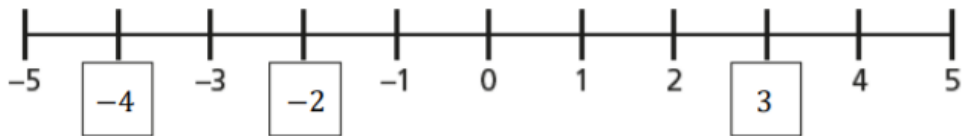
$$\begin{array}{r} 53 \\ \times 8 \\ \hline 424 \end{array}$$

Answers- Task 2

1) a) 0°C b) -7°C c) 9°C d) 12°C e) -15°C

2)

a)



b)



3)

a) The difference between 3 and 5 is

2

b) The difference between -3 and 5 is

8

c) The difference between -1 and 1 is

2

d) The difference between -5 and 5 is

10

4) Ron will land on 1.
Whitney will land on -5.

Answers- Task 3

1) a) -3°C

b) 16°C

2) 17 metres

3)

a) July

b) January

c) 40°C

d) 25°C

e) 33°C

f) 7

g) January, February, March, April, October, November and December

4) a) 14 b) 47 c) 100

5)

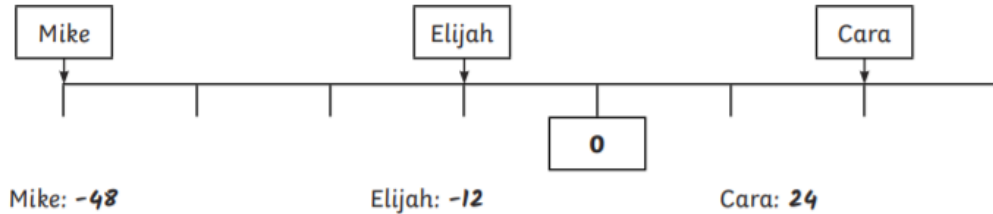
a) -4

b) 3

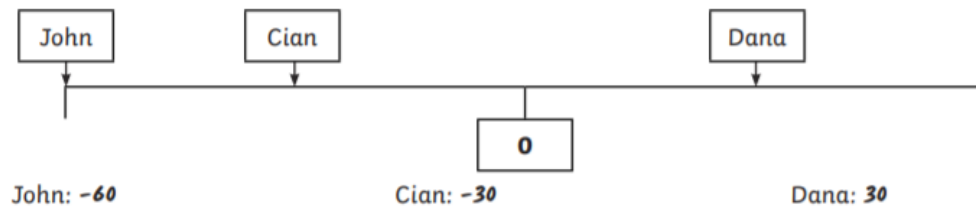
6) -3°C


Answers- Challenge


- 1) At level 2 these players' scores are shown on a different scale. The difference between Mike and Cara's scores is 72. Work out each player's score.



These players have made it to level 3 of the computer game. The difference between John and Dana's score is 90. Find each player's score.



- 2) The difference between -5 and -9 =  4

The number exactly half way between -1 and 5 =  2

$-5 + 8 =$  3

Work out  \times  \times  = 24

- 3) Put these statements in order so that the answers are from smallest to largest.

The difference between -24 and -76	4
The even number that is less than -18 but greater than -22	1
The number that is half way between 40 and -50	2
The difference between -6 and 7	3