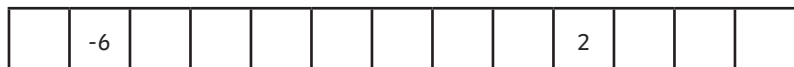


Year 5 Autumn 2 Maths Activity Mat 4

Section 1

Complete this number line:



Section 2

A bag contains 120 potatoes. A grocer has 7 bags. To the nearest 100, how many potatoes are there in the bags?

Section 3

Calculate:

$$\begin{array}{r} 671 \\ + 285 \\ \hline \end{array}$$

$$\begin{array}{r} 612 \\ - 339 \\ \hline \end{array}$$

Section 4

Order the following fractions from smallest to largest:

$$\frac{7}{10} \quad \frac{3}{10} \quad \frac{9}{10} \quad \frac{1}{10}$$

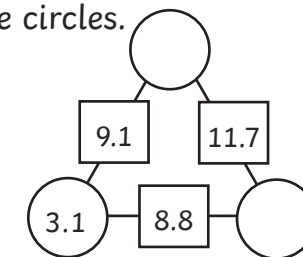


smallest

largest

Section 5

The numbers in the squares are the sum of the numbers in the adjacent circles. Find the numbers in the circles.



Section 6

1 inch \approx 2.5cm

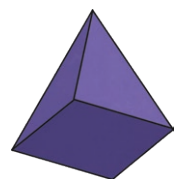
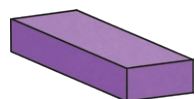
Complete the following:

12 inches \approx cm

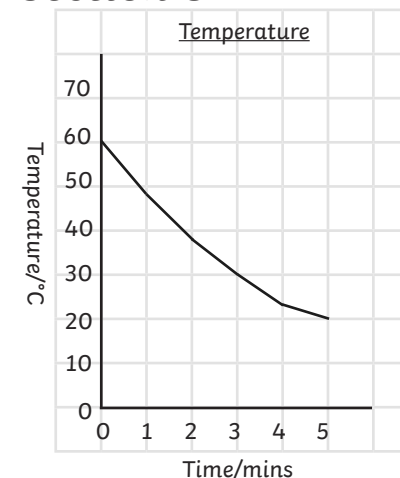
inches \approx 1m

Section 7

Write the names of these shapes:



Section 8



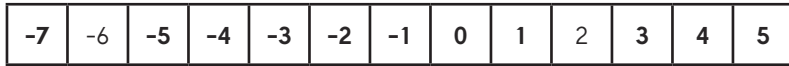
Some children measure the temperature of some hot water as it cools. They draw this line graph.

How far does the temperature fall in the first 4 minutes?

Year 5 Autumn 2 Maths Activity Mat 4 Answers

Section 1

Complete this number line:



Section 2

A bag contains 120 potatoes. A grocer has 7 bags. To the nearest 100, how many potatoes are there in the bags?

800 potatoes

Section 3

Calculate:

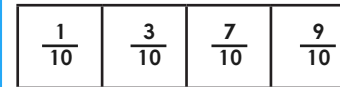
$$\begin{array}{r} 6 \ 7 \ 1 \\ + \ 2 \ 8 \ 5 \\ \hline 9 \ 5 \ 6 \end{array}$$

$$\begin{array}{r} 6 \ 1 \ 2 \\ - \ 3 \ 3 \ 9 \\ \hline 2 \ 7 \ 3 \end{array}$$

Section 4

Order the following fractions from smallest to largest:

$$\frac{7}{10} \quad \frac{3}{10} \quad \frac{9}{10} \quad \frac{1}{10}$$

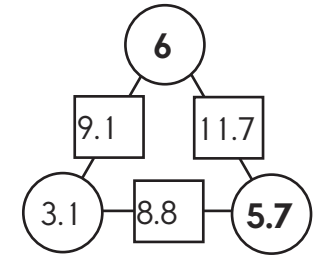


smallest

largest

Section 5

The numbers in the squares are the sum of the numbers in the adjacent circles. Find the numbers in the circles.



Section 6

1 inch \approx 2.5cm

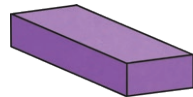
Complete the following:

12 inches \approx cm

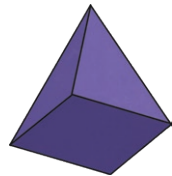
inches \approx 1m

Section 7

Write the names of these shapes:

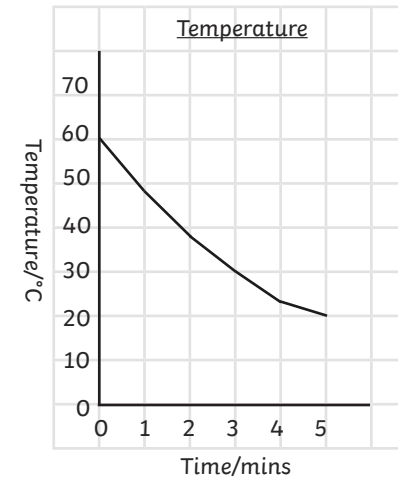


Cuboid



Square-based pyramid

Section 8



Some children measure the temperature of some hot water as it cools. They draw this line graph.

How far does the temperature fall in the first 4 minutes?

37°C

Year 5 Autumn 2 Maths Activity Mat 4

Section 1

The temperature rises 90°C to 70°C . What was the temperature before the increase?

Section 2

A wholesaler has 35 boxes of mushrooms. Each box contains 24 packs of mushrooms, which each contain 45 mushrooms.

How many mushrooms are there in the wholesaler, rounded to the nearest one thousand?

Section 3

Complete these calculations:

$$\begin{array}{r} 5 \square 9 \\ + \square 7 4 \\ \hline 8 9 \square \end{array}$$

$$\begin{array}{r} 9 \square 1 \\ - 5 7 \square \\ \hline \square 2 9 \end{array}$$

Section 4

Order the following fractions from smallest to largest:

$$\frac{1}{3} \quad \frac{1}{6} \quad \frac{4}{9} \quad \frac{5}{12}$$

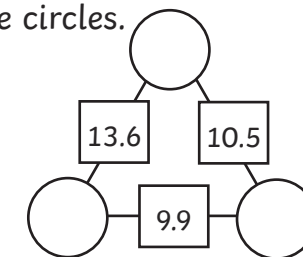
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smallest

largest

Section 5

The numbers in the squares are the sum of the numbers in the adjacent circles. Find the numbers in the circles.

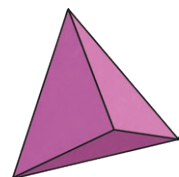
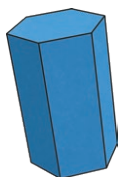


Section 6

$1 \text{ inch} \approx 2.5 \text{ cm}$
How many inches are there in a 30cm ruler and a 1m ruler?

Section 7

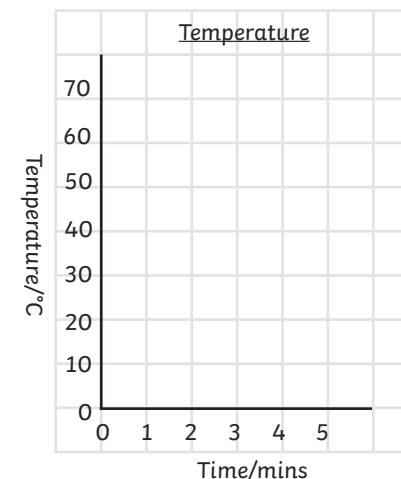
Write the names of these shapes:



Section 8

Some children measure the temperature of some hot water as it cools. They draw this line graph. They record their measurements in a table. Draw the line on the graph.

Time/mins	Temperature/ $^{\circ}\text{C}$
0	60
1	48
2	38
3	30
4	23
5	20



Year 5 Autumn 2 Maths Activity Mat 4 Answers

Section 1

The temperature rises 90°C to 70°C . What was the temperature before the increase?

-2°C

Section 2

A wholesaler has 35 boxes of mushrooms. Each box contains 24 packs of mushrooms, which each contain 45 mushrooms.

How many mushrooms are there in the wholesaler, rounded to the nearest one thousand?

38000 mushrooms

Section 3

Complete these calculations:

$$\begin{array}{r} 5 \ 1 \ 9 \\ + \ 3 \ 7 \ 4 \\ \hline 8 \ 9 \ 3 \end{array}$$

$$\begin{array}{r} 9 \ 0 \ 1 \\ - \ 5 \ 7 \ 2 \\ \hline 3 \ 2 \ 9 \end{array}$$

Section 4

Order the following fractions from smallest to largest:

$$\frac{1}{3} \quad \frac{1}{6} \quad \frac{4}{9} \quad \frac{5}{12}$$

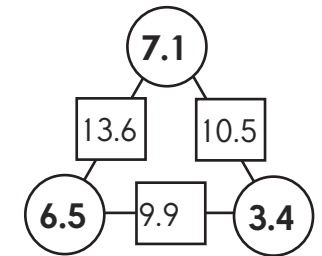
$\frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{12}$	$\frac{4}{9}$
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smallest

largest

Section 5

The numbers in the squares are the sum of the numbers in the adjacent circles. Find the numbers in the circles.



Section 6

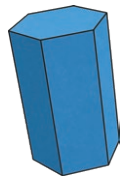
1 inch \approx 2.5cm

How many inches are there in a 30cm ruler and a 1m ruler?

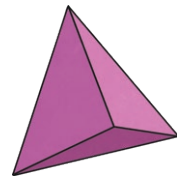
12 & 40 inches

Section 7

Write the names of these shapes:



hexagonal prism

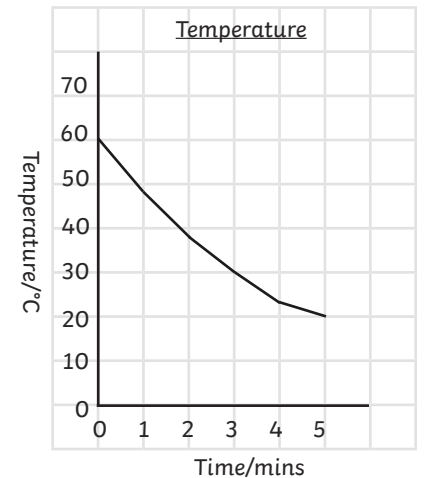


tetrahedron

Section 8

Some children measure the temperature of some hot water as it cools. They draw this line graph. They record their measurements in a table. Draw the line on the graph.

Time/mins	Temperature/ $^{\circ}\text{C}$
0	60
1	48
2	38
3	30
4	23
5	20



Year 5 Autumn 2 Maths Activity Mat 4

Section 1

Calculate

$$8 + (-6) = \square$$

$$-4 + 11 = \square$$

$$6 - (-3) = \square$$

Section 2

One field has 2440 plants, one field has half as many again, and one field has twice as many as the first. He counts the strawberries on 10 plants at random, and there are, on average, 18 strawberries on each plant. How many strawberries are there on the farm, rounded to the nearest ten thousand?

Section 3

Complete these calculations:

$$\begin{array}{r} 2 \square 5 \\ + \square 2 9 \\ \hline 6 6 \square \\ \square 7 5 7 \end{array}$$

Section 4

Order the following fractions from

smallest to largest:

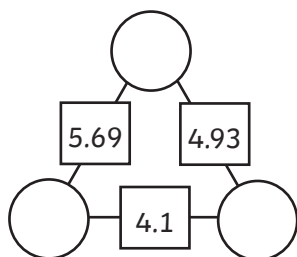
$$\frac{5}{8} \quad \frac{13}{20} \quad \frac{3}{4} \quad \frac{7}{12}$$

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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smallest largest

Section 5

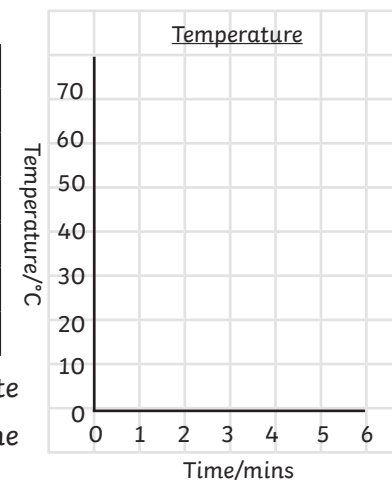
The numbers in the squares are the sum of the numbers in the adjacent circles. Find the numbers in the circles.



Section 8

Some children measure the temperature of some hot water as it cools. They draw this line graph. They record their measurements in a table.

Time/mins	Temperature/°C
0	60
1	48
2	38
3	30
4	23
5	20



Draw the line on the graph, continuing the graph to minute 6. Explain your reasoning behind your estimate of the temperature after 6 minutes.

Section 6

1 inch = 2.54cm

1 foot = 12 inches

Which is longer: 30cm or 1 foot?

Section 7

Draw a tetrahedron:

Year 5 Autumn 2 Maths Activity Mat 4 Answers

Section 1

Calculate

$8 + (-6) =$

2

$-4 + 11 =$

7

$6 - (-3) =$

9

Section 2

One field has 2440 plants, one field has half as many again, and one field has twice as many as the first. He counts the strawberries on 10 plants at random, and there are, on average, 18 strawberries on each plant. How many strawberries are there on the farm, rounded to the nearest ten thousand?

200 000
strawberries

Section 3

Complete these calculations:

$$\begin{array}{r} 2 \ 6 \ 5 \\ + \ 8 \ 2 \ 9 \\ \hline 6 \ 6 \ 3 \\ 1 \ 7 \ 5 \ 7 \end{array}$$

Section 4

Order the following fractions from smallest to largest:

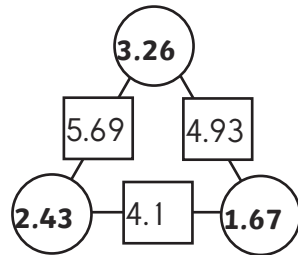
$\frac{5}{8} \quad \frac{13}{20} \quad \frac{3}{4} \quad \frac{7}{12}$

$\frac{7}{12}$	$\frac{5}{8}$	$\frac{13}{20}$	$\frac{3}{4}$
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smallest largest

Section 5

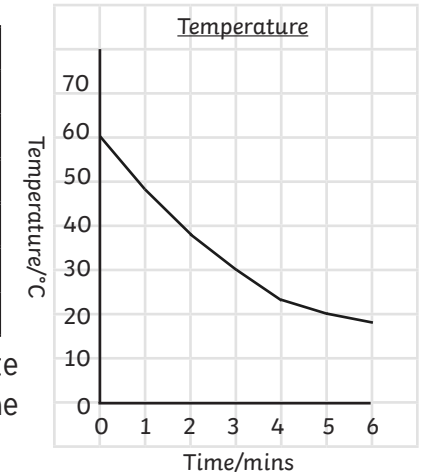
The numbers in the squares are the sum of the numbers in the adjacent circles. Find the numbers in the circles.



Section 8

Some children measure the temperature of some hot water as it cools. They draw this line graph. They record their measurements in a table.

Time/mins	Temperature/°C
0	60
1	48
2	38
3	30
4	23
5	20



Draw the line on the graph, continuing the graph to minute 6. Explain your reasoning behind your estimate of the temperature after 6 minutes.

Temperature after 6 minutes is likely to be around 18 °C as fall will be less than in the previous minute (3 °C).

Section 6

1 inch = 2.54cm

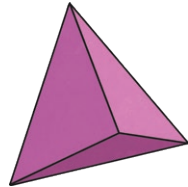
1 foot = 12 inches

Which is longer: 30cm or 1 foot?

1 foot = 30.48 cm
1 foot > 30cm

Section 7

Draw a tetrahedron:



(should have a triangular base)