Year 5 Spring 2 Maths Activity Mat 4

Section 1
Complete this number line.

```
      0       3
|__|__|__|__|__|__|__|__|__|__|
```

Section 2
A can of lemonade contains 330ml. How much lemonade does a pack of four cans contain, rounded to the nearest 100ml?

Section 3
Calculate:

```
  2  8  4  +
  3  8  9
_____


  7  0  6  -
  3  5  4
_____
```
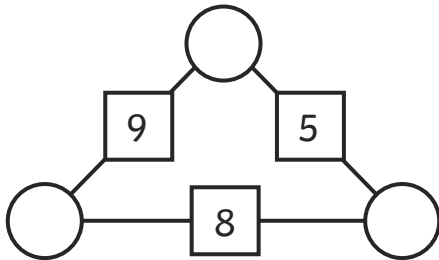
Section 4
Order the following fractions from smallest to largest.

$$\frac{7}{12} \qquad \frac{1}{12} \qquad \frac{5}{12} \qquad \frac{11}{12}$$

Section 5
The numbers in the squares are the sum of the numbers in the adjacent circles. Find the numbers in the circles.
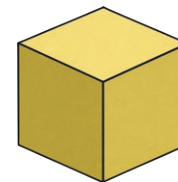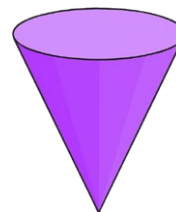
9   5

8

Section 6
1 yard = 90cm

Complete the following:
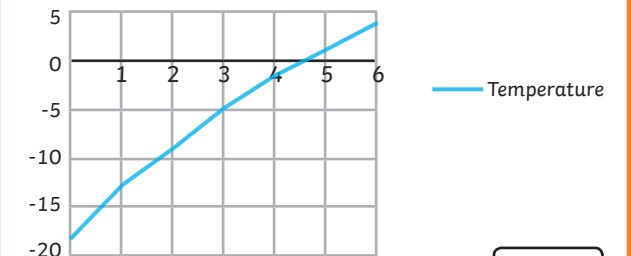
10 yards = _____m

Section 7
Write the name of these shapes.

Section 8
Some children measure the temperature of some ice cream which was taken out of the freezer to melt.
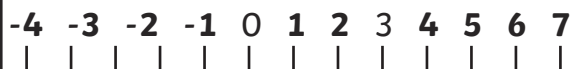
— Temperature

What is difference in the temperature between minute two and six?

Year 5 Spring 2 Maths Activity Mat 4 **Answers**

Section 1
Complete this number line.

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

Section 2
A can of lemonade contains 330ml. How much lemonade does a pack of four cans contain, rounded to the nearest 100ml?
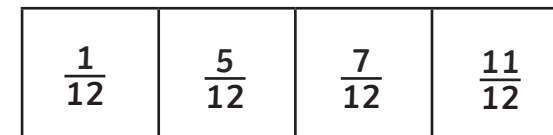
1300ml or 1.3l

Section 3
Calculate:

```
  2 8 4  +
  3 8 9
 ───────
  6 7 3
```

```
  7 0 6  -
  3 5 4
 ───────
  3 5 2
```

Section 4
Order the following fractions from smallest to largest.

$\frac{7}{12}$ $\frac{1}{12}$ $\frac{5}{12}$ $\frac{11}{12}$

$\frac{1}{12}$	$\frac{5}{12}$	$\frac{7}{12}$	$\frac{11}{12}$

Section 5
The numbers in the squares are the sum of the numbers in the adjacent circles. Find the numbers in the circles.

3
9   5
6   8   2

Section 6
1 yard = 90cm

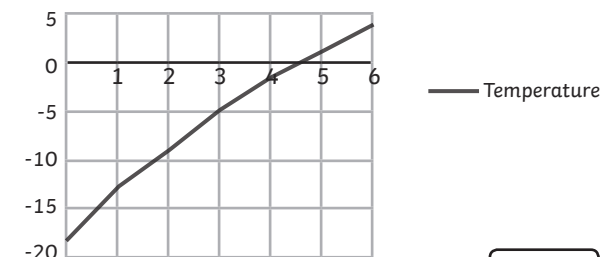Complete the following:

10 yards = **9**m

Section 7
Write the name of these shapes.

cone   **cube**

Section 8
Some children measure the temperature of some ice cream which was taken out of the freezer to melt.

Temperature

What is difference in the temperature between minute two and six?

12

Year 5 Spring 2 Maths Activity Mat 4

Section 1
The temperature inside is 21°C and outside it is -6OC. What is the difference between the temperature inside and outside?

Section 2
A can of lemonade contains 330ml. Cans are sold in packs of four. How much lemonade is there is 12 packs, rounded to the nearest litre?

Section 3
Complete these calculations.
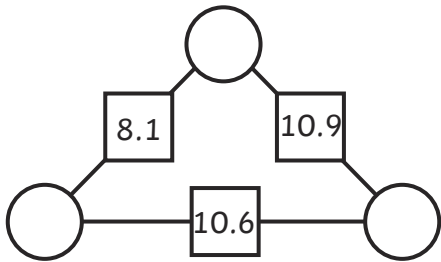
7 5 ☐ +
2 ☐ 3
☐ ☐ 5 1

4 ☐ 2 -
2 5 ☐
☐ 2 4

Section 4
Order the following fractions from smallest to largest.

$$\frac{1}{4} \qquad \frac{3}{8} \qquad \frac{1}{8} \qquad \frac{1}{2}$$

Section 5
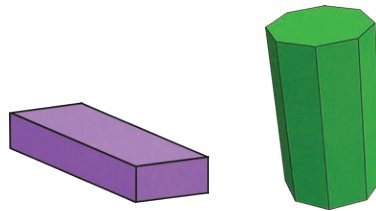The numbers in the squares are the sum of the numbers in the adjacent circles. Find the numbers in the circles.

8.1   10.9
10.6

Section 6
1 yard = 90cm

Complete the following:

30 yards = _____m

Section 7
Write the name of these shapes.

Section 8
Some children measure the temperature of some ice cream which was taken out of the freezer to melt.
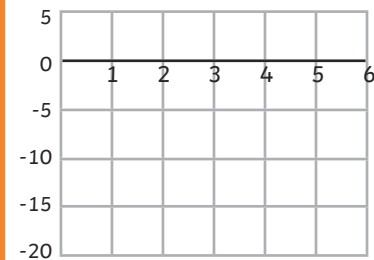
Time	Temperature
0	-18
1	-13
2	-9
3	-5
4	-2
5	1
6	3

Draw the line on the graph.

Year 5 Spring 2 Maths Activity Mat 4 **Answers**

Section 1

The temperature inside is 21°C and outside it is -6OC. What is the difference between the temperature inside and outside?

| **27°C** |

Section 2

A can of lemonade contains 330ml. Cans are sold in packs of four. How much lemonade is there is 12 packs, rounded to the nearest litre?

| **16 litres** |

Section 3

Complete these calculations.

```
    7  5  8  +
    2  9  3
  _____
  1  0  5  1
```

```
    4  8  2  -
    2  5  8
  _____
  2  2  4
```
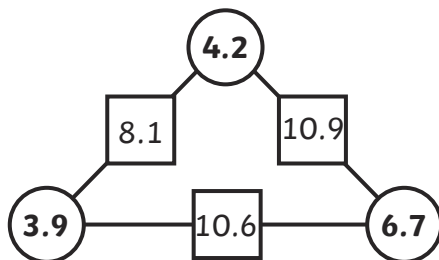
Section 4

Order the following fractions from smallest to largest.

$$\frac{1}{4} \quad \frac{3}{8} \quad \frac{1}{8} \quad \frac{1}{2}$$

$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$

Section 5

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

```
            (4.2)
        [8.1]   [10.9]
   (3.9)   [10.6]   (6.7)
```

Section 6

1 yard = 90cm

Complete the following:

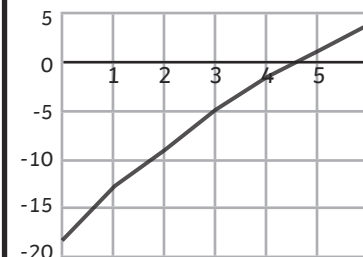30 yards = **27**m

Section 7

Write the name of these shapes.

| **cuboid** | **octagonal prism** |

Section 8

Some children measure the temperature of some ice cream which was taken out of the freezer to melt.

Draw the line on the graph.

Year 5 Spring 2 Maths Activity Mat 4

Section 1
Calculate:

9 + (-5) = ☐

-12 + 21 = ☐

13 – (-6) = ☐

Section 2
A can of lemonade contains 330ml. Cans are sold in packs of four. A box contains 12 packs. How much lemonade is on a lorry carrying 32 boxes, rounded to the nearest 10 litres?

☐

Section 3
Complete this calculation.

```
  7 ☐  8  +
    ☐  1  5
  3  3  ☐
☐  9  8  0
```

Section 4
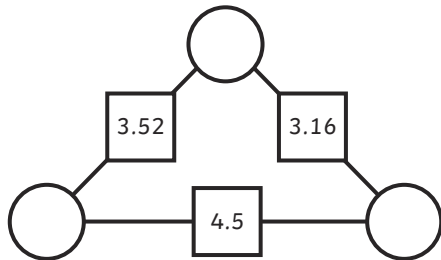Order the following fractions from smallest to largest.

$$\frac{2}{3} \quad \frac{5}{6} \quad \frac{11}{12} \quad \frac{21}{24}$$

Section 5
The numbers in the squares are the sum of the numbers in the adjacent circles. Find the numbers in the circles.

3.52   3.16

4.5

Section 6
1 yard = 91cm

Using this approximation, calculate how many yards in 100m, rounded to the nearest yard.
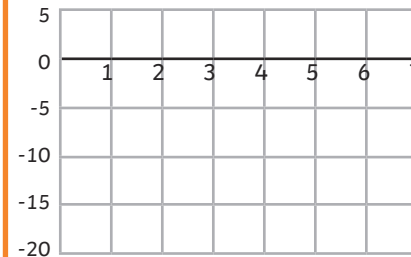
☐

Section 7
Draw a pentagonal prism.

Section 8
Some children measure the temperature of some ice cream which was taken out of the freezer to melt.

They draw a line graph. They record their measurements in a table.

Time	Temperature
0	-18
1	-13
2	-9
3	-5
4	-2
5	1
6	3

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

Year 5 Spring 2 Maths Activity Mat 4 **Answers**

Section 1
Calculate:

9 + (-5) = **4**

-12 + 21 = **9**

13 – (-6) = **19**

Section 2
A can of lemonade contains 330ml. Cans are sold in packs of four. A box contains 12 packs. How much lemonade is on a lorry carrying 32 boxes, rounded to the nearest 10 litres?

510 litres

Section 3
Complete this calculation.

```
  7 |2| 8  +
   |9| 1  5
    3  3 |7|
 |1| 9  8  0
```
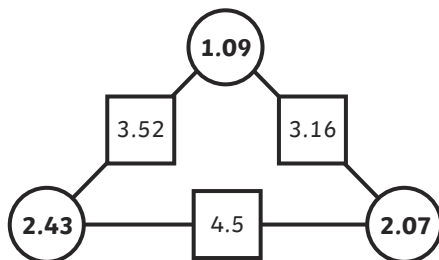
Section 4
Order the following fractions from smallest to largest.

$$\frac{2}{3} \quad \frac{5}{6} \quad \frac{11}{12} \quad \frac{21}{24}$$

$\frac{2}{3}$	$\frac{5}{6}$	$\frac{21}{24}$	$\frac{11}{12}$

Section 8
Some children measure the temperature of some ice cream which was taken out of the freezer to melt.

They draw a line graph. They record their measurements in a table.

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

Temperature after seven minutes likely to be around 5° or 6° as rise will be similar to rise in previous minutes (2° or 3°).

Section 5
The numbers in the squares are the sum of the numbers in the adjacent circles. Find the numbers in the circles.

```
        1.09
      /      \
   3.52      3.16
   /            \
2.43 —— 4.5 —— 2.07
```
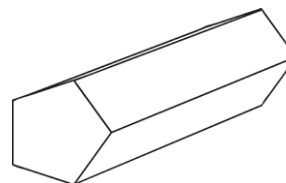
Section 6
1 yard = 91cm

Using this approximation, calculate how many yards in 100m, rounded to the nearest yard.

110 yards

Section 7
Draw a pentagonal prism.