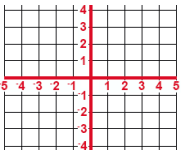

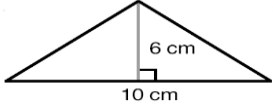

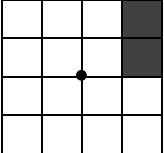
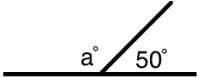


Homework Sheet 1

Date _____

<p>1 Calculate $5+3\times 10$</p>	<p>11 A triangle has vertices at (0,0), (2, 4) and (5,0). Plot the vertices and draw the triangle.</p> 
<p>2 Complete this calculation (show carrying)</p> $\begin{array}{r} 6382 \\ +592 \\ \hline \end{array}$	<p>12 Simplify</p> $6a + 10a + 3a$
<p>3 Complete this calculation (show carrying)</p> $\begin{array}{r} 385 \\ \times 6 \\ \hline \end{array}$	<p>13 If $x=4$ and $y=11$ what is</p> $y - x$
<p>4 Round 5.36201 to 1 decimal place</p>	<p>14 Solve the equation $x+10=30$</p>
<p>5 Use $425\times 79=33575$ to work out</p> $425\times 7.9=$	<p>15 Use the digits 2, 3, 4, 8 to complete the calculation</p> $\square\square = \square \times \square$
<p>6 Complete</p> $\frac{4}{5} = \frac{\quad}{20}$	<p>16 Calculate $8-12$ Use the number line to help you</p> 
<p>7 Use your answer to Q6 to help you work out</p> $\frac{4}{5} + \frac{7}{20}$	<p>17 Draw a dot diagram to show why 9 is a square number</p>
<p>8 Find the mean of these values: 100, 200, 300 400</p>	<p>18 Find the area of this shape</p> 
<p>9 Phillip bought 40 items. The pie chart shows the type he bought. How many items of clothing did he buy?</p> 	<p>19 David buys 6 pencils for £1.20. How much would 4 pencils cost?</p>
<p>10</p>  <p>Give this diagram rotational symmetry of order 2 about the centre point. You should only shade 2 more squares.</p>	<p>20 Calculate the value of the missing angle</p> 

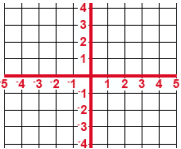
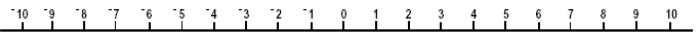
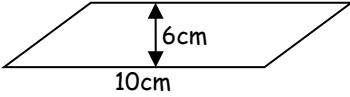
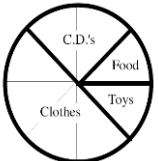
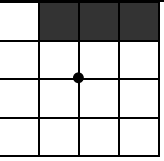
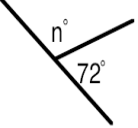
Mark

Effort

Comments

Homework Sheet 2

Date _____

<p>1 Calculate $10 - 2 \times 3$</p>	<p>11 Plot these points and join them up in order $(4, 2), (4, -2), (-4, -2), (-4, 2), (4, 2)$ What shape do you get?</p> 
<p>2 Complete this calculation (show borrowing)</p> $\begin{array}{r} 8481 \\ -3544 \\ \hline \end{array}$	<p>12 Simplify</p> $9a + b + a + 2b$
<p>3 Complete this calculation (show carrying)</p> $\begin{array}{r} 1045 \\ \times 4 \\ \hline \end{array}$	<p>13 If $x=4$ and $y=11$ what is</p> $3 \times x + y$
<p>4 Round 7.3519 to 1 decimal place</p>	<p>14 Solve the equation $x - 5 = 6$</p>
<p>5 Use $425 \times 79 = 33575$ to work out</p> $4.25 \times 79 =$	<p>15 Use the digits 2, 7, 8, 9 to complete the calculation</p> $\square \square = \square \times \square$
<p>6 Complete</p> $\frac{3}{4} = \frac{\quad}{12}$	<p>16 Calculate $-8 + 4$ Use the number line to help you</p> 
<p>7 Use your answer to Q6 to help you work out</p> $\frac{3}{4} + \frac{1}{12}$	<p>17 Draw a dot diagram to show why 6 is a triangle number</p>
<p>8 Find the mean of these values: 6, 4, 8, 2, 5</p>	<p>18 Find the area of this shape</p> 
<p>9 Phillip bought 40 items. The pie chart shows the type he bought. How many CD's did he buy?</p> 	<p>19 Emily buys 4 pens for £1. How much would 7 pens cost?</p>
<p>10</p>  <p>Give this diagram rotational symmetry of order 2 about the centre point. You should only shade 3 more squares.</p>	<p>20 Calculate the value of the missing angle</p> 

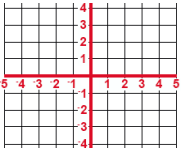
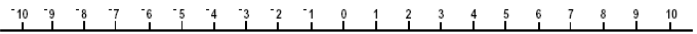
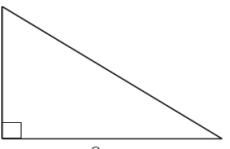
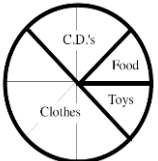
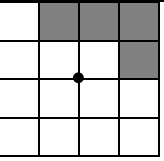
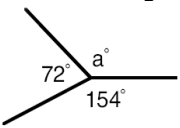
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Effort

Comments

Homework Sheet 3

Date _____

<p>1 Calculate $2 + 10 \div 2$</p>	<p>11 Plot these points and join them up in order $(4, 4), (4, -4), (-4, -4), (-4, 4), (4, 4)$ What shape do you get?</p> 
<p>2 Complete this calculation (show carrying)</p> $\begin{array}{r} 1867 \\ +4329 \\ \hline \end{array}$	<p>12 Simplify $6a + 11b - 3a - 4b$</p>
<p>3 Complete this calculation (show carrying)</p> $\begin{array}{r} 519 \\ \times 8 \\ \hline \end{array}$	<p>13 If $x=4$ and $y=11$ what is $x + 2 \times y$</p>
<p>4 Round 1.9383 to 1 decimal place</p>	<p>14 Solve the equation $5x = 50$</p>
<p>5 Use $425 \times 79 = 33575$ to work out $425 \times 790 =$</p>	<p>15 Use the digits 1, 1, 4, 4, 4 to complete the calculation</p> $\square \square = \square \times \square \square$
<p>6 Complete $\frac{1}{3} = \frac{\quad}{15}$</p>	<p>16 Calculate $5 - 7$ Use the number line to help you</p> 
<p>7 Use your answer to Q6 to help you work out $\frac{7}{15} - \frac{1}{3}$</p>	<p>17 Draw a dot diagram to show why 16 is a square number</p>
<p>8 Find the mean of these values: 4, 10, 6, 3, 8, 5</p>	<p>18 Find the area of this shape</p> 
<p>9 Phillip bought 40 items. The pie chart shows the type he bought. How many items of food did he buy?</p> 	<p>19 Fiona buys 3 erasers for 45p. How much would 10 erasers cost?</p>
<p>10 Give this diagram rotational symmetry of order 2 about the centre point. You should only shade 4 more squares.</p> 	<p>20 Calculate the value of the missing angle</p> 

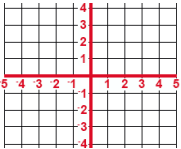
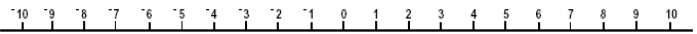
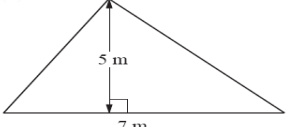
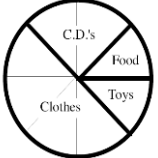
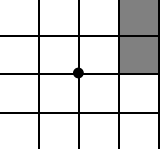
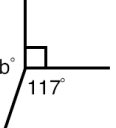
Mark

Effort

Comments

Homework Sheet 4

Date _____

<p>1 Calculate $5 + 2^2$</p>	<p>11 Plot these points and join them up in order $(0, 4), (2, 0), (0, -4), (-2, 0), (0, 4)$ What shape do you get?</p> 
<p>2 Complete this calculation (show borrowing)</p> $\begin{array}{r} 9163 \\ -3195 \\ \hline \end{array}$	<p>12 Simplify</p> $9a + 3 + 2a + 10$
<p>3 Complete this calculation (show carrying)</p> $7 \overline{)938}$	<p>13 If $x=4$ and $y=11$ what is</p> xy
<p>4 Round 5.928301 to 2 decimal places</p>	<p>14 Solve the equation $\frac{x}{6} = 3$</p>
<p>5 Use $425 \times 79 = 33575$ to work out</p> $425 \times 0.79 =$	<p>15 Use the digits 1, 3, 4, 5, 5 to complete the calculation</p> $\square \square = \square \times \square \square$
<p>6 Complete</p> $\frac{3}{7} = \frac{\quad}{14}$	<p>16 Calculate $-5 - 3$ Use the number line to help you</p> 
<p>7 Use your answer to Q6 to help you work out</p> $\frac{11}{14} - \frac{3}{7}$	<p>17 Draw a dot diagram to show why 10 is a triangle number</p>
<p>8 First put these in order then find the median</p> <p>5, 8, 3, 7, 1, 4, 7</p>	<p>18 Find the area of this shape</p> 
<p>9  Phillip bought 40 items. The pie chart shows the type he bought. How many toys did he buy?</p>	<p>19 Gavin buys 7 rulers for £3.50. How much would 9 rulers cost?</p>
<p>10  Give this diagram rotational symmetry of order 4 about the centre point. You should only shade 6 more squares.</p>	<p>20 Calculate the value of the missing angle</p> 

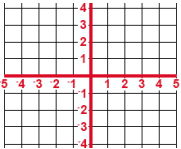
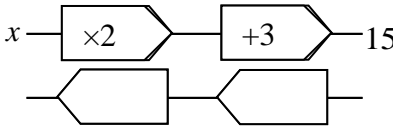

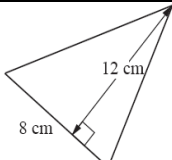
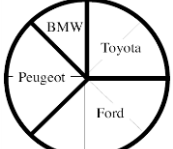
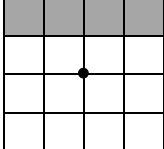
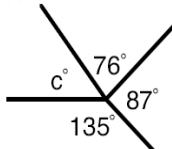
Mark

Effort

Comments

Homework Sheet 5

Date _____

<p>1 Calculate $(5 + 3) \times (10 - 2)$</p>	<p>11 Plot these points and join them up in order $(0, 2), (4, 0), (0, -4), (-4, 0), (0, 2)$ What shape do you get?</p> 
<p>2 Complete this calculation (show borrowing)</p> $\begin{array}{r} 4000 \\ -3592 \\ \hline \end{array}$	<p>12 Simplify $5 + 8a + 7a + 9 - a$</p>
<p>3 Complete this calculation (show carrying)</p> $8 \overline{)1200}$	<p>13 If $x=5$ and $y=10$ what is $2x^2$</p>
<p>4 Round 9.0072 to 2 decimal places</p>	<p>14 Solve the equation $2x + 3 = 15$</p> 
<p>5 Use $582 \times 13 = 7566$ to work out 582×1.3</p>	<p>15 Use the digits 1, 2, 2, 2, 4 to complete the calculation</p> $\square \square = \square \times \square \square$
<p>6 Complete $\frac{3}{8} = \frac{\quad}{24}$ and $\frac{1}{6} = \frac{\quad}{24}$</p>	<p>16 Calculate $-3 + 9 - 4$ Use the number line to help you</p> 
<p>7 Use your answers to Q6 to help you work out $\frac{3}{8} + \frac{1}{6}$</p>	<p>17 What is the 5th triangle number (draw a dot diagram to help you)</p>
<p>8 First put these in order then find the median 4, 7, 3, 5, 2, 2, 7, 4</p>	<p>18 Find the area of this shape</p> 
<p>9  Jenny did a survey on makes of cars outside her house. She saw 9 BMW's. How many Toyotas did she see?</p>	<p>19 Heather buys 5 calculators for £35. How much would 8 calculators cost?</p>
<p>10  Give this diagram rotational symmetry of order 4 about the centre point. You should only shade 8 more squares.</p>	<p>20 Calculate the value of the missing angle</p> 

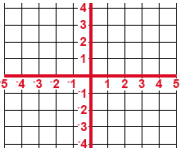
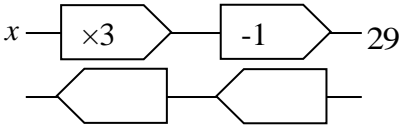

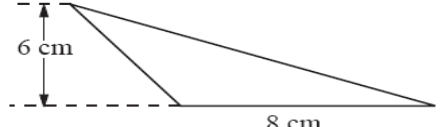
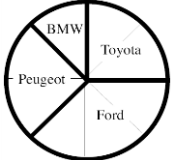
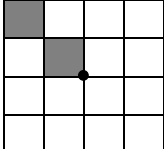
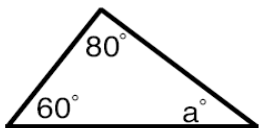
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Comments

Homework Sheet 6

Date _____

<p>1 Calculate $1+9^2$</p>	<p>11 Plot these points and join them up in order $(-4, 2), (2, 2), (4, -2), (-2, -2), (-4, 2)$ What shape do you get?</p> 
<p>2 Complete this calculation (show carrying)</p> $\begin{array}{r} 999 \\ 111 \\ +999 \\ \hline \end{array}$	<p>12 Simplify</p> $5a + 3b + c - 5a - 3b$
<p>3 Complete this calculation (show carrying)</p> $4 \overline{)2620}$	<p>13 If $x=5$ and $y=10$ what is</p> $\frac{y}{x}$
<p>4 Round 14.63486 to 3 decimal places</p>	<p>14 Solve the equation $3x - 1 = 29$</p> 
<p>5 Use $582 \times 13 = 7566$ to work out</p> 5.82×13	<p>15 Use the digits 1, 2, 2, 3, 9 to complete the calculation</p> $\square \square = \square + \square \square$
<p>6 Complete</p> $\frac{1}{4} = \frac{\quad}{12} \quad \text{and} \quad \frac{1}{3} = \frac{\quad}{12}$	<p>16 Calculate $-5 + 11 + 2$ Use the number line to help you</p> 
<p>7 Use your answers to Q6 to help you work out</p> $\frac{1}{3} + \frac{1}{4}$	<p>17 What is the 5th square number (draw a dot diagram to help you)</p>
<p>8 First put these in order then find the median 0.5, 0.4, 0.8, 0.11, 0.42</p>	<p>18 Find the area of this shape</p> 
<p>9  Jenny did a survey on makes of cars outside her house. She saw 9 BMW's. How many Peugeots did she see?</p>	<p>19 Imogen buys 11 protractors for £2.20. How much would 12 protractors cost?</p>
<p>10  Give this diagrams rotational symmetry of order 4 about the centre point. You should only shade 6 more squares.</p>	<p>20 Calculate the value of the missing angle</p> 

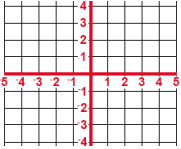
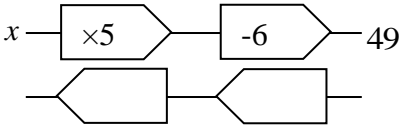

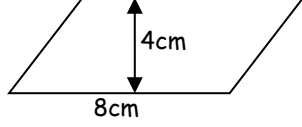
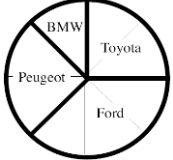
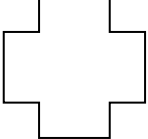
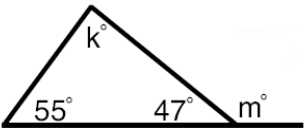
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Comments

Homework Sheet 7

Date _____

<p>1 Calculate $3+2\times 4+10$</p>	<p>11 Plot these points and join them up in order $(-4, -3), (-2, 2), (2, 2), (4, -3), (-4, -3)$ What shape do you get?</p> 
<p>2 Complete this calculation (show borrowing)</p> $\begin{array}{r} 5000 \\ -999 \\ \hline \end{array}$	<p>12 Simplify</p> $7x + y + y + 2z - 5x - y$
<p>3 Complete this calculation (show carrying)</p> $8 \overline{)2112}$	<p>13 If $x=5$ and $y=10$ what is</p> $5x + 2y$
<p>4 Round 0.02439 to 3 decimal places</p>	<p>14 Solve the equation $5x - 6 = 49$</p> 
<p>5 Use $582 \times 13 = 7566$ to work out</p> 5.82×13	<p>15 Use the digits 2, 2, 4, 3, 8 to complete the calculation</p> $\square \square = \square + \square \square$
<p>6 Complete</p> $\frac{1}{2} = \frac{\quad}{10} \quad \text{and} \quad \frac{2}{5} = \frac{\quad}{10}$	<p>16 Calculate $-4 - 3 + 11$ Use the number line to help you</p> 
<p>7 Use your answers to Q6 to help you work out</p> $\frac{1}{2} + \frac{2}{5}$	<p>17 What is the 6th triangle number (draw a dot diagram to help you)</p>
<p>8 First put these in order then find the median $-4, 2, -3, 5, 1, 0, -4$</p>	<p>18 Find the area of this shape</p> 
<p>9  Jenny did a survey on makes of cars outside her house. She saw 9 BMW's. How many Fords did she see?</p>	<p>19 Johnny buys 8 compasses for £4. How much would 3 compasses cost?</p>
<p>10 What is the order of rotational symmetry of this shape?</p> 	<p>20 Calculate the values of the missing angles</p> 

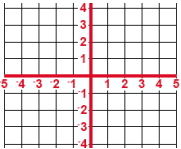
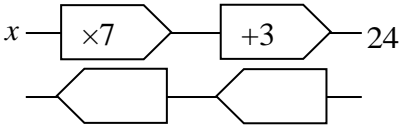

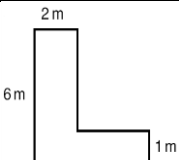


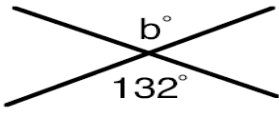
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Comments

Homework Sheet 8

Date _____

<p>1 Calculate $11 - 5 \times 2 + 1$</p>	<p>11 Plot these points and join them up in order $(0, 0), (2, 3), (0, -4), (-2, 3), (0, 0)$ What shape do you get?</p> 
<p>2 Complete this calculation (show carrying)</p> $\begin{array}{r} 92363 \\ +12946 \\ \hline \end{array}$	<p>12 Simplify</p> $5a - 2b - 3b + 6b + 2a$
<p>3 Complete this calculation (show carrying)</p> $4 \overline{)3004}$	<p>13 If $x=5$ and $y=10$ what is</p> $6x + 3y + 2$
<p>4 Round 73.13926 to 3 decimal places</p>	<p>14 Solve the equation $7x + 3 = 24$</p> 
<p>5 Use $582 \times 13 = 7566$ to work out</p> 5.82×1.3	<p>15 Use the digits 1, 3, 5, 6, 8 to complete the calculation</p> $\square \square = \square + \square \square$
<p>6 Complete</p> $\frac{3}{8} = \frac{\quad}{24} \quad \text{and} \quad \frac{5}{12} = \frac{\quad}{24}$	<p>16 Calculate $7 - 10 - 4 + 2$ Use the number line to help you</p> 
<p>7 Use your answers to Q6 to help you work out</p> $\frac{3}{8} + \frac{5}{12}$	<p>17 What is the 10th square number</p>
<p>8 First put these in order then find the median $0.5, -0.2, 1.2, -2, -0.15, 0.06$</p>	<p>18 Find the area of this shape</p> 
<p>9</p>  <p>A stately home recorded the types of trees growing in the garden. What percentage were Oak?</p>	<p>19 Kylie buys 12 books for £48. How much would 20 books cost?</p>
<p>10 What is the order of rotational symmetry of this shape?</p> 	<p>20 Calculate the values of the missing angles</p> 

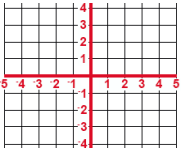
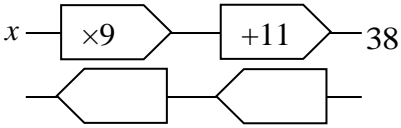

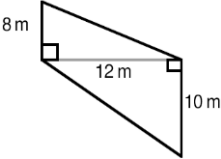

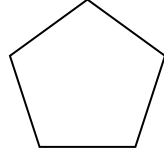
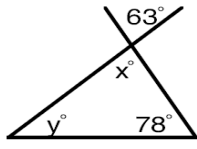
Mark

Effort

Comments

Homework Sheet 9

Date _____

<p>1 Calculate $30 - 4 \times (2 + 1)$</p>	<p>11 These points are three corners of a rectangle $(-4, 1), (3, 1), (3, -2)$ Where should you plot the last point?</p> 
<p>2 Complete this calculation (show carrying)</p> $\begin{array}{r} 3.252 \\ + 12.89 \\ \hline \end{array}$	<p>12 Simplify</p> $8 - 3a + 8a - 8b + 3b$
<p>3 Complete this calculation (show carrying)</p> $\begin{array}{r} 502 \\ \times 11 \\ \hline \end{array}$	<p>13 If $x=5$ and $y=10$ what is</p> $4xy$
<p>4 Round 61.59984 to 3 decimal places</p>	<p>14 Solve the equation $9x + 11 = 38$</p> 
<p>5 Use $582 \times 13 = 7566$ to work out</p> 582×130	<p>15 Use the digits 0, 5, 5, 6, 7 to complete the calculation</p> $\square \square = \square + \square \square$
<p>6 Complete</p> $\frac{2}{3} = \frac{\quad}{21} \quad \text{and} \quad \frac{2}{7} = \frac{\quad}{21}$	<p>16 Calculate $-9 + 4 - 3 + 11$ Use the number line to help you</p> 
<p>7 Use your answers to Q6 to help you work out</p> $\frac{2}{3} - \frac{2}{7}$	<p>17 Write down how you would work out the 8 triangle number.</p>
<p>8 Write down the largest value and the smallest value and hence find the range 65, 32, 88, 12, 5, 54, 74, 24</p>	<p>18 Find the area of this shape</p> 
<p>9</p>  <p>A stately home recorded the types of trees growing in the garden. What percentage were Beech?</p>	<p>19 Ling buys 2 cokes for £1.28. How much would 5 cokes cost?</p>
<p>10 What is the order of rotational symmetry of this shape?</p> 	<p>20 Calculate the values of the missing angles</p> 

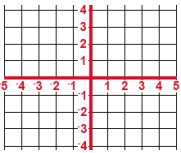
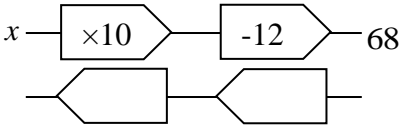

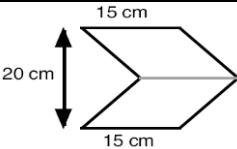

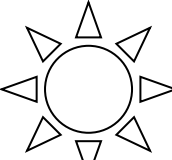
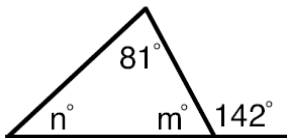
Mark

Effort

Comments

Homework Sheet 10

Date _____

<p>1 Calculate $7 - 10 \div 2 + 4$</p>	<p>11 These points are three corners of a square $(-3,0)$, $(-1, -2)$, $(1,0)$ Where should you plot the last point?</p> 
<p>2 Complete this calculation (show carrying)</p> $\begin{array}{r} 134.874 \\ + 45.8 \\ \hline \end{array}$	<p>12 Simplify</p> $6x^2 + 3x^2$
<p>3 Complete this calculation (show carrying)</p> $\begin{array}{r} 745 \\ \times 12 \\ \hline \end{array}$	<p>13 If $x=5$ and $y=10$ what is</p> $x^2 + y^2$
<p>4 Round 8.47285 to 3 decimal places</p>	<p>14 Solve the equation $10x - 12 = 68$</p> 
<p>5 Use $582 \times 13 = 7566$ to work out</p> 5820×130	<p>15 Use the digits 3, 5, 8, 8, 9 to complete the calculation</p> $\square \square = \square + \square \square$
<p>6 Complete</p> $\frac{4}{9} = \frac{\quad}{18} \quad \text{and} \quad \frac{1}{2} = \frac{\quad}{18}$	<p>16 Calculate $-2 + 5 - 9 + 1 + 5$ Use the number line to help you</p> 
<p>7 Use your answers to Q6 to help you work out</p> $\frac{1}{2} - \frac{4}{9}$	<p>17 What are the first 10 square numbers?</p>
<p>8 Write down the largest value and the smallest value and hence find the range</p> <p>$-4, -1, 6, 8, -5, 2, 6, 1, 0$</p>	<p>18 Find the area of this shape</p> 
<p>9</p>  <p>A stately home recorded the types of trees growing in the garden. What percentage were Fir?</p>	<p>19 Ling buys 3 CDs for £2.97. How much would 20 CDs cost?</p>
<p>10 What is the order of rotational symmetry of this shape?</p> 	<p>20 Calculate the values of the missing angles</p> 

Mark

Effort

Comments

