


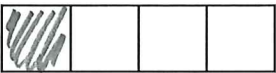
Homework Sheet 1

Date _____

1	Add together 36 and 57 (show working) $\begin{array}{r} 36 \\ + 57 \\ \hline 93 \end{array}$	11	What is 24% as a decimal? 0.24
2	Multiply 28 by 4 (show working) $\begin{array}{r} 28 \\ \times 4 \\ \hline 112 \end{array}$	12	How many lines of symmetry does a square have? 4
3	Subtract 68 from 97 (show working) $\begin{array}{r} 97 \\ - 68 \\ \hline 29 \end{array}$	13	What is 5 squared? 25
4	Divide 52 by 4 (show working) $4 \overline{)52} \begin{array}{l} 13 \end{array}$	14	How many degrees are there in one full turn? 360°
5	Shade $\frac{1}{2}$ of this diagram 	15	What is the mode of these numbers 1, 3, 4, 1, 3, 1, 5, 2, 1, 1, 3, (1)
6	What is $\frac{1}{2}$ of 18? $18 \div 2 = 9$	16	How many mm are there in 5cm? 50
7	Write 4:15pm using the 24 hour clock. 16:15	17	What is the probability of throwing a 6 on a dice? $\frac{1}{6}$
8	How many days are there in March? 31	18	How many sides does a pentagon have? 5
9	Simplify $a + a + a + a + a$ $5a$	19	What are the factors of 9? 1, 3, 9
10	If $y=3$ what is $y+4$ $3+4=7$	20	Give the first 5 multiples of 3 3, 6, 9, 12, 15
Mark	Effort	Comments	



Homework Sheet 2

Date _____

1	Add together 29 and 84 (show working)	11	What is 72% as a decimal?
	$\begin{array}{r} 84 \\ + 29 \\ \hline 113 \end{array}$		0.72
2	Multiply 37 by 5 (show working)	12	How many lines of symmetry does a rectangle have?
	$\begin{array}{r} 37 \\ \times 5 \\ \hline 185 \end{array}$		2
3	Subtract 23 from 86 (show working)	13	What is 8 squared?
	$\begin{array}{r} 86 \\ - 23 \\ \hline 63 \end{array}$		64
4	Divide 57 by 3 (show working)	14	How many degrees are there in a half turn?
	$\begin{array}{r} 19 \\ 3 \overline{) 57} \end{array}$		180
5	Shade $\frac{1}{4}$ of this diagram	15	What is the mode of these numbers
			4, 9, 8, 9, 9, 7, 8, 8, 8, 8, 4
6	What is $\frac{1}{4}$ of 32?		8
	$32 \div 4 = 8$	16	How many cm are there in 4m?
			400
7	Write 4:15am using the 24 hour clock.	17	What is the probability of throwing a 2 on a dice?
	04:15		$\frac{1}{6}$
8	How many days are there in April?	18	How many sides does an octagon have?
	30		8
9	Simplify	19	What are the factors of 6?
	$m + m + m + m$		1, 2, 3, 6
	4m	20	Give the first 5 multiples of 4
10	If $y=10$ what is $y-6$		4, 8, 12, 16, 20
	$10 - 6 = 4$		
Mark	Effort	Comments	

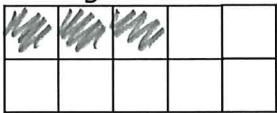

Homework Sheet 4

Date _____

1	Add together 123 and 54 (show working)	11	What is 50% as a decimal?
	$\begin{array}{r} 123 \\ + 54 \\ \hline 177 \end{array}$		0.5
2	Multiply 56 by 8 (show working)	12	How many lines of symmetry does a parallelogram have?
	$\begin{array}{r} 56 \\ \times 8 \\ \hline 448 \end{array}$		0
3	Subtract 165 from 388 (show working)	13	What is 6^2 ?
	$\begin{array}{r} 388 \\ - 165 \\ \hline 223 \end{array}$		36
4	Divide 84 by 4 (show working)	14	If an angle is acute, what size could it be?
	$\begin{array}{r} 21 \\ 4 \overline{) 84} \end{array}$		less than 90°
5	Shade $\frac{2}{5}$ of this diagram	15	What is the range of these numbers
			$5 - 1 = 4$ 1, 3, 4, 1, 3, 1, 5, 2, 1, 1, 3,
6	What is $\frac{2}{5}$ of 20?	16	How many cm are there in 60mm?
	$\begin{array}{l} 20 \div 5 = 4 \\ 4 \times 2 = 8 \end{array}$		6
7	Write 7am using the 24 hour clock.	17	What is the probability of throwing an even number on a dice?
	07:00		$\frac{3}{6}$ ($\frac{1}{2}$)
8	How many days are there in February?	18	Draw a trapezium with a ruler?
	28		
9	Simplify	19	What are the factors of 15?
	$7a + 4a$ $11a$		1, 3, 5, 15
10	If $y=6$ what is $y \div 2$	20	Give the first 5 multiples of 6
	$6 \div 2 = 3$		6, 12, 18, 24, 30
Mark	Effort	Comments	

Homework Sheet 6

Date _____

1	Add together 24, 51 and 43 (show working) $\begin{array}{r} 24 \\ 51 \\ 43 \\ \hline 118 \end{array}$	11	What is 81% as a decimal? 0.81
2	Multiply 73.4 by 10 (show working) 734	12	How many lines of symmetry does an equilateral triangle have? 3
3	Subtract 124 from 200 (show working) $\begin{array}{r} 200 \\ -124 \\ \hline 76 \end{array}$	13	What is 11^2 ? 121
4	Divide 918 by 3 (show working) $\begin{array}{r} 306 \\ 3 \overline{)918} \end{array}$	14	If an angle is reflex, what size could it be? more than 180° but less than 360°
5	Shade $\frac{3}{10}$ of this diagram 	15	What is the range of these numbers $4, 9, 8, 9, 9, 7, 8, 8, 8, 4$ $9 - 4 = 5$
6	What is $\frac{3}{10}$ of 90? $90 \div 10 = 9$ $9 \times 3 = 27$	16	How many km are there in 9000m? 9
7	Write 2250 using the am/pm clock. $22:50$ $10:50\text{PM}$	17	What is the probability of tossing a coin and getting a heads? $\frac{1}{2}$
8	How many hours are there in a day? 24	18	Draw a rhombus with a ruler? 
9	Simplify $a+a+a+b+b$ $3a+2b$	19	What are the factors of 20? $1, 2, 4, 5, 10, 20$
10	If $m=3$ and $n=2$ what is $m+n$? $3+2=5$	20	Give the first 5 multiples of 8 $8, 16, 24, 32, 40$
Mark	Effort	Comments	

Homework Sheet 8

Date _____

1 Add together 75, 95 and 120 (show working)

$$\begin{array}{r} 75 \\ 95 \\ 120 \\ \hline 290 \end{array}$$

2 Multiply 400 by 20

$$400 \times 20 = 8000$$

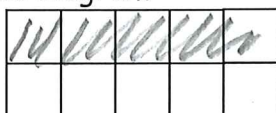
3 Subtract 454 from 511 (show working)

$$\begin{array}{r} 511 \\ - 454 \\ \hline 57 \end{array}$$

4 Divide 253 by 11 (show working)

$$11 \overline{) 253} \begin{array}{l} 23 \\ \underline{22} \\ 33 \\ \underline{33} \\ 0 \end{array}$$

5 Shade $\frac{1}{2}$ of this diagram



6 What is 50% of 400?

$$200$$

7 Write 1400 using the am/pm clock.

14:00 2PM

8 How many seconds are there in a minute?

$$60$$

9 Simplify

$$6a + 5a + 4b + 9b$$

$$11a + 13b$$

10 If $m=10$ and $n=3$ what is $m-n$?

$$10 - 3 = 7$$

11 What is 0.29 as a percentage?

$$29\%$$

12 Draw a triangle with NO lines of symmetry?



13 What is the square root of 36?

$$6$$

14 If I start facing North and turn 90 degrees clockwise, which direction will I now be facing?

East

15 What is the median of these numbers

1, 1, 3, 4, 7

1, 3, 1, 4, 7

3

16 How many mm are there in 3.2cm?

$$32$$

17 What is the probability of choosing the Queen of Spades at random from a pack of cards?

$$\frac{1}{52}$$

18 Sketch a circle and label the radius?



19 What are the factors of 28?

1, 2, 4, 7, 14, 28

20 Circle the prime number?

12, 15, 17, 18




Mark

Effort

Comments


Homework Sheet 10

Date _____

1	Add together 411, 1024 and 206 (show working)	11	What is 0.6 as a percentage?
	$\begin{array}{r} 411 \\ 1024 \\ 206 \\ \hline 1641 \end{array}$		60
2	Multiply 3000 by 60	12	Draw a shape with rotational symmetry of order 2?
	18 0000		
3	Subtract 481 from 6000 (show working)	13	What is the square root of 121?
	$\begin{array}{r} 5680 \\ - 481 \\ \hline 5519 \end{array}$		11
4	Divide 49 by 10 (show working)	14	If I start facing East and turn 270 degrees anticlockwise, which direction will I now be facing?
	4.9		South
5	Shade $\frac{1}{4}$ of this diagram	15	What is the mean of these numbers
			$1+2+3+4$ $10 \div 4 = 2.5$ 1, 2, 3, 4
6	What is 75% of 80?	16	How many m are there in 8.92km?
	60		8920
7	Write 1200 using the am/pm clock.	17	What is the probability of choosing a red card at random from a pack of cards?
	12 pm		$\frac{1}{2}$
8	How many years are there in a decade?	18	Sketch a circle and label the centre?
	10		
9	Simplify $6a + 4b + 8a + 2b$	19	What are the factors of 100?
	$14a + 6b$		1, 2, 4, 5, 10, 20, 50, 100
10	If $m=7$ what is $5m$?	20	What is the next triangle number?
	35		1, 3, 6, 10, 15, 21, <u>28</u>
Mark	Effort	Comments	

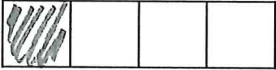
Homework Sheet 1

Date _____

1	Add together 36 and 57 (show working) $\begin{array}{r} 36 \\ + 57 \\ \hline 93 \end{array}$	11	What is 24% as a decimal? 0.24
2	Multiply 28 by 4 (show working) $\begin{array}{r} 28 \\ \times 4 \\ \hline 112 \end{array}$	12	How many lines of symmetry does a square have? 4
3	Subtract 68 from 97 (show working) $\begin{array}{r} 97 \\ - 68 \\ \hline 29 \end{array}$	13	What is 5 squared? 25
4	Divide 52 by 4 (show working) $4 \overline{)52}$	14	How many degrees are there in one full turn? 360°
5	Shade $\frac{1}{2}$ of this diagram 	15	What is the mode of these numbers 1, 3, 4, 1, 3, 1, 5, 2, 1, 1, 3, (1)
6	What is $\frac{1}{2}$ of 18? $18 \div 2 = 9$	16	How many mm are there in 5cm? 50
7	Write 4:15pm using the 24 hour clock. 16:15	17	What is the probability of throwing a 6 on a dice? $\frac{1}{6}$
8	How many days are there in March? 31	18	How many sides does a pentagon have? 5
9	Simplify $a + a + a + a + a$ $5a$	19	What are the factors of 9? 1, 3, 9
10	If $y=3$ what is $y+4$ $3+4=7$	20	Give the first 5 multiples of 3 3, 6, 9, 12, 15
Mark		Effort	Comments


Homework Sheet 2

Date _____

1	Add together 29 and 84 (show working)	11	What is 72% as a decimal?
	$\begin{array}{r} 84 \\ + 29 \\ \hline 113 \end{array}$		0.72
2	Multiply 37 by 5 (show working)	12	How many lines of symmetry does a rectangle have?
	$\begin{array}{r} 37 \\ \times 5 \\ \hline 185 \end{array}$		2
3	Subtract 23 from 86 (show working)	13	What is 8 squared?
	$\begin{array}{r} 86 \\ - 23 \\ \hline 63 \end{array}$		64
4	Divide 57 by 3 (show working)	14	How many degrees are there in a half turn?
	$\begin{array}{r} 19 \\ 3 \overline{) 57} \end{array}$		180
5	Shade $\frac{1}{4}$ of this diagram	15	What is the mode of these numbers
			4, 9, 8, 9, 9, 7, 8, 8, 8, 8, 4
6	What is $\frac{1}{4}$ of 32?	16	How many cm are there in 4m?
	$32 \div 4 = 8$		400
7	Write 4:15am using the 24 hour clock.	17	What is the probability of throwing a 2 on a dice?
	04:15		$\frac{1}{6}$
8	How many days are there in April?	18	How many sides does an octagon have?
	30		8
9	Simplify	19	What are the factors of 6?
	$m + m + m + m$		1, 2, 3, 6
10	If $y=10$ what is $y-6$	20	Give the first 5 multiples of 4
	$10 - 6 = 4$		4, 8, 12, 16, 20
Mark	Effort	Comments	



Homework Sheet 3

Date _____

1	Add together 84 and 37 (show working)	11	What is 92% as a decimal?
	$\begin{array}{r} 84 \\ + 37 \\ \hline 121 \end{array}$		0.92
2	Multiply 71 by 3 (show working)	12	How many lines of symmetry does a kite have?
	$\begin{array}{r} 71 \\ \times 3 \\ \hline 213 \end{array}$		1
3	Subtract 29 from 82 (show working)	13	What is 9 squared?
	$\begin{array}{r} 82 \\ - 29 \\ \hline 53 \end{array}$		81
4	Divide 91 by 7 (show working)	14	How many degrees are there in a right angle?
	$\begin{array}{r} 13 \\ 7 \overline{)91} \end{array}$		90
5	Shade $\frac{3}{4}$ of this diagram	15	What is the mode of these numbers
			50, 10, 50, 10, 10, 20, 50, 10
6	What is $\frac{3}{4}$ of 12?	16	How many m are there in 2km?
	$12 \div 4 = 3$ $3 \times 3 = 9$		2000
7	Write 9:35pm using the 24 hour clock.	17	What is the probability of throwing a 5 on a dice?
	21:35		$\frac{1}{6}$
8	How many days are there in a year?	18	How many sides does a hexagon have?
	365		6
9	Simplify	19	What are the factors of 12?
	$3a + 4a = 7a$		1, 2, 3, 4, 6, 12
10	If $y=8$ what is $y+11$	20	Give the first 5 multiples of 5
	$8+11=19$		5, 10, 15, 20, 25
Mark	Effort	Comments	



Homework Sheet 4

Date _____

1	Add together 123 and 54 (show working)	11	What is 50% as a decimal?
	$\begin{array}{r} 123 \\ + 54 \\ \hline 177 \end{array}$		0.5
2	Multiply 56 by 8 (show working)	12	How many lines of symmetry does a parallelogram have?
	$\begin{array}{r} 56 \\ \times 8 \\ \hline 448 \end{array}$		0
3	Subtract 165 from 388 (show working)	13	What is 6^2 ?
	$\begin{array}{r} 388 \\ - 165 \\ \hline 223 \end{array}$		36
4	Divide 84 by 4 (show working)	14	If an angle is acute, what size could it be?
	$\begin{array}{r} 21 \\ 4 \overline{) 84} \end{array}$		less than 90°
5	Shade $\frac{2}{5}$ of this diagram	15	What is the range of these numbers
			$5 - 1 = 4$ 1, 3, 4, 1, 3, 1, 5, 2, 1, 1, 3,
6	What is $\frac{2}{5}$ of 20?	16	How many cm are there in 60mm?
	$\begin{array}{l} 20 \div 5 = 4 \\ 4 \times 2 = 8 \end{array}$		6
7	Write 7am using the 24 hour clock.	17	What is the probability of throwing an even number on a dice?
	07:00		$\frac{3}{6}$ ($\frac{1}{2}$)
8	How many days are there in February?	18	Draw a trapezium with a ruler?
	28		
9	Simplify	19	What are the factors of 15?
	$7a + 4a = 11a$		1, 3, 5, 15
10	If $y=6$ what is $y \div 2$	20	Give the first 5 multiples of 6
	$6 \div 2 = 3$		6, 12, 18, 24, 30
Mark	Effort	Comments	

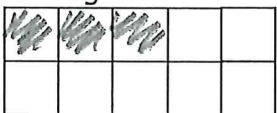

Homework Sheet 5

Date _____

1	Add together 231 and 497 (show working)	11	What is 7% as a decimal?
	$\begin{array}{r} 231 \\ + 497 \\ \hline 728 \end{array}$		0.07
2	Multiply 132 by 6 (show working)	12	How many lines of symmetry does a regular pentagon have?
	$\begin{array}{r} 132 \\ \times 6 \\ \hline 792 \end{array}$		5
3	Subtract 205 from 304 (show working)	13	What is 10^2 ?
	$\begin{array}{r} 304 \\ - 205 \\ \hline 99 \end{array}$		100
4	Divide 155 by 5 (show working)	14	If an angle is obtuse, what size could it be?
	$\begin{array}{r} 31 \\ 5 \overline{)155} \end{array}$		more than 90° but less than 180°
5	Shade $\frac{4}{5}$ of this diagram	15	What is the range of these numbers
			15, 25, <u>10</u> , <u>80</u> , 35, 45, 50 $80 - 10 = 70$
6	What is $\frac{4}{5}$ of 50?	16	How many m are there in 700cm?
	$50 \div 5 = 10$ $10 \times 4 = 40$		7
7	Write 12pm using the 24 hour clock.	17	What is the probability of throwing a number less than 3 on a dice?
	12:00		$\frac{2}{6}$
8	How many days are there in a leap year?	18	Draw an isosceles triangle with a ruler?
	366		
9	Simplify	19	What are the factors of 20?
	$10a + 3a - 4a$ $9a$		1, 2, 4, 5, 10, 20
10	If $y=9$ what is $y \times 6$	20	Give the first 5 multiples of 7
	$9 \times 6 = 54$		7, 14, 21, 28, 35
Mark	Effort	Comments	




Homework Sheet 6

Date _____

1	Add together 24, 51 and 43 (show working) $\begin{array}{r} 24 \\ 51 \\ 43 \\ \hline 118 \end{array}$	11	What is 81% as a decimal? 0.81
2	Multiply 73.4 by 10 (show working) 734	12	How many lines of symmetry does an equilateral triangle have? 3
3	Subtract 124 from 200 (show working) $\begin{array}{r} 200 \\ -124 \\ \hline 76 \end{array}$	13	What is 11^2 ? 121
4	Divide 918 by 3 (show working) $\begin{array}{r} 306 \\ 3 \overline{)918} \end{array}$	14	If an angle is reflex, what size could it be? MORE THAN 180° but LESS THAN 360°
5	Shade $\frac{3}{10}$ of this diagram 	15	What is the range of these numbers $4, 9, 8, 9, 9, 7, 8, 8, 8, 8, 4$ $9 - 4 = 5$
6	What is $\frac{3}{10}$ of 90? $90 \div 10 = 9$ $9 \times 3 = 27$	16	How many km are there in 9000m? 9
7	Write 2250 using the am/pm clock. $22:50$ $10:50\text{pm}$	17	What is the probability of tossing a coin and getting a heads? $\frac{1}{2}$
8	How many hours are there in a day? 24	18	Draw a rhombus with a ruler? 
9	Simplify $a+a+a+b+b$ $3a+2b$	19	What are the factors of 20? $1, 2, 4, 5, 10, 20$
10	If $m=3$ and $n=2$ what is $m+n$? $3+2=5$	20	Give the first 5 multiples of 8 $8, 16, 24, 32, 40$
Mark		Effort	Comments


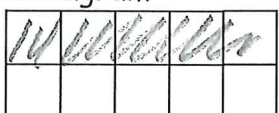
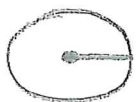
Homework Sheet 7

Date _____

1	Add together 34, 81 and 71 (show working) $\begin{array}{r} 34 \\ + 81 \\ + 71 \\ \hline 186 \end{array}$	11	What is 0.4 as a percentage? 40%
2	Multiply 40 by 30 $40 \times 30 = 1200$	12	How many lines of symmetry does this star have?  5
3	Subtract 299 from 426 (show working) $\begin{array}{r} 426 \\ - 299 \\ \hline 127 \end{array}$	13	What is 12^2 ? 144
4	Divide 1000 by 4 (show working) $\begin{array}{r} 250 \\ 4 \overline{)1000} \end{array}$	14	If I start facing North and turn 180 degrees clockwise, which direction will I now be facing? $South$
5	Shade $\frac{7}{10}$ of this diagram 	15	What is the median of these numbers $1, 1, 3, 4, 7$ 3
6	What is $\frac{7}{10}$ of 60? $60 \div 10 = 6$ $6 \times 7 = 42$	16	How many kg are there in 5000g? 5 kg
7	Write 0145 using the am/pm clock. $01:45$ $1:45\text{ am}$	17	What is the probability of tossing a coin and getting a tails? $\frac{1}{2}$
8	How many minutes are there in an hour? 60	18	Draw a hexagon with a ruler? 
9	Simplify $2a + 3a + 4b$ $5a + 4b$	19	What are the factors of 24? $1, 2, 3, 4, 6, 8, 12, 24$
10	If $m=5$ and $n=6$ what is $m \times n$? $5 \times 6 = 30$	20	Circle the prime number? $(3), 6, 9, 12$
Mark	Effort	Comments	

Homework Sheet 8

Date _____

1	Add together 75, 95 and 120 (show working) $\begin{array}{r} 75 \\ 95 \\ 120 \\ \hline 290 \end{array}$	11	What is 0.29 as a percentage? <p>29%</p>
2	Multiply 400 by 20 $400 \times 20 = 8000$	12	Draw a triangle with NO lines of symmetry? 
3	Subtract 454 from 511 (show working) $\begin{array}{r} 511 \\ - 454 \\ \hline 57 \end{array}$	13	What is the square root of 36? <p>6</p>
4	Divide 253 by 11 (show working) $11 \overline{) 253} \begin{array}{l} 23 \\ 22 \\ \hline 33 \\ 33 \\ \hline 0 \end{array}$	14	If I start facing North and turn 90 degrees clockwise, which direction will I now be facing? <p>East</p>
5	Shade $\frac{1}{2}$ of this diagram 	15	What is the median of these numbers <p>1, 1, 3, 1, 4, 7</p> <p>3</p>
6	What is 50% of 400? <p>200</p>	16	How many mm are there in 3.2cm? <p>32</p>
7	Write 1400 using the am/pm clock. <p>14:00 2PM</p>	17	What is the probability of choosing the Queen of Spades at random from a pack of cards? <p>$\frac{1}{52}$</p>
8	How many seconds are there in a minute? <p>60</p>	18	Sketch a circle and label the radius? 
9	Simplify $6a + 5a + 4b + 9b$ <p>$11a + 13b$</p>	19	What are the factors of 28? <p>1, 2, 4, 7, 14, 28</p>
10	If $m=10$ and $n=3$ what is $m-n$? <p>$10 - 3 = 7$</p>	20	Circle the prime number? <p>12, 15, 17, 18</p>
Mark		Effort	Comments


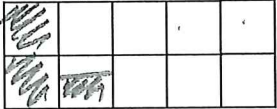

Homework Sheet 9

Date _____

1	Add together 123, 159 and 841 (show working)	11	What is 0.04 as a percentage?
2	Multiply 500 by 300	12	How many lines of symmetry does a circle have?
3	Subtract 715 from 1026 (show working)	13	What is the square root of 81?
4	Divide 344 by 8 (show working)	14	If I start facing North and turn 90 degrees anticlockwise, which direction will I now be facing?
5	Shade $\frac{1}{5}$ of this diagram	15	What is the median of these numbers
6	What is 25% of 200?	16	How many cm are there in 5.2m?
7	Write 0000 using the am/pm clock.	17	What is the probability of choosing a Jack at random from a pack of cards?
8	How many days are there in a fortnight?	18	Sketch a circle and label the diameter?
9	Simplify $7a + 3a + 5b + 11b$	19	What are the factors of 40?
10	If $m=11$ what is $3m$?	20	Circle the prime number?
Mark	Effort	Comments	

Homework Sheet 10

Date _____

1	Add together 411, 1024 and 206 (show working)	11	What is 0.6 as a percentage? 60
2	Multiply 3000 by 60 ^t	12	Draw a shape with rotational symmetry of order 2? 
3	Subtract 481 from 6000 (show working)	13	What is the square root of 121? 11
4	Divide 49 by 10 (show working)	14	If I start facing East and turn 270 degrees anticlockwise, which direction will I now be facing? South
5	Shade $\frac{1}{4}$ of this diagram 	15	What is the mean of these numbers $1+2+3+4$ $10 \div 4 = 2.5$ 1, 2, 3, 4
6	What is 75% of 80? 60	16	How many m are there in 8.92km? 8920
7	Write 1200 using the am/pm clock. 12 pm	17	What is the probability of choosing a red card at random from a pack of cards? $\frac{1}{2}$
8	How many years are there in a decade? 10	18	Sketch a circle and label the centre? 
9	Simplify $6a + 4b + 8a + 2b$ $14a + 6b$	19	What are the factors of 100? 1, 2, 4, 5, 10, 25, 50, 100
10	If $m=7$ what is $5m$? 35	20	What is the next triangle number? 1, 3, 6, 10, 15, 21, 28
Mark		Comments	
Effort			