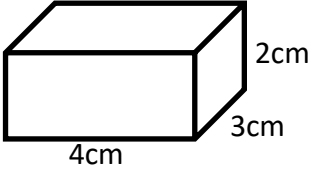
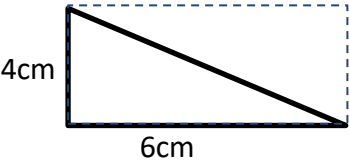


Name

Date



MENTAL MATHS QUIZ 6:6

1)	$3\frac{2}{5} + 5\frac{1}{5}$	
2)	What is 50% of £48?	
3)	Write down all the factors of 45. <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u>	
4)	What is the volume of this cuboid? 	
5)	Convert 37% into a fraction.	
6)	Write $3\frac{4}{5}$ as an improper fraction.	
7)	What is the area of this triangle? 	
8)	Round 6257.5 to the nearest 10	
9)	Find the value of x if $3x + 1 = 16$.	
10)	The flight time from Boston to London is 6 hours 20 minutes. I arrive in London at 4:05pm. What time did I set off from Boston?	
11)	Find the mode of 4, 6, 2, 5, 3, 4, 2, 6, 1, 7, 4, 3, and 8.	
12)	A bag contains 5 blue beads and 3 yellow beads. I pull a bead at random out from the bag. What is the probability it is yellow?	
13)	Write $\frac{12}{36}$ in its simplest form.	
14)	Quadra gets £120 for her birthday. She spends $\frac{3}{4}$ and saves the rest. How much does she save?	
15)	If $x = 7$, work out the value of $x^2 - 5$.	
16)	If 1kg of rice costs £1.20, how much does 500g cost?	
17)	How many vertices does a hexagonal pyramid have?	
18)	Convert 0.7 into a percentage.	

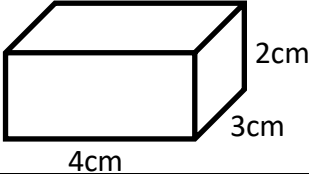
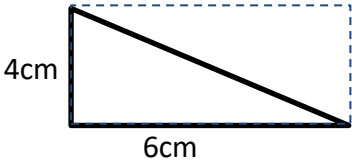


Name

Date



MENTAL MATHS QUIZ 6:6 ANSWERS

1)	$3\frac{2}{5} + 5\frac{1}{5}$	$8\frac{3}{5}$
2)	What is 50% of £48?	£24
3)	Write down all the factors of 45. ___ ___ ___ ___ ___	1 3 5 9 15 45
4)	What is the volume of this cuboid? 	24cm^3
5)	Convert 37% into a fraction.	$\frac{37}{100}$
6)	Write $3\frac{4}{5}$ as an improper fraction.	$\frac{19}{5}$
7)	What is the area of this triangle? 	12cm^2
8)	Round 6257.5 to the nearest 10	6260
9)	Find the value of x if $3x + 1 = 16$.	$x = 5$
10)	The flight time from Boston to London is 6 hours 20 minutes. I arrive in London at 4:05pm. What time did I set off from Boston?	9:45am
11)	Find the mode of 4, 6, 2, 5, 3, 4, 2, 6, 1, 7, 4, 3, and 8.	4
12)	A bag contains 5 blue beads and 3 yellow beads. I pull a bead at random out from the bag. What is the probability it is yellow?	$\frac{3}{8}$
13)	Write $\frac{12}{36}$ in its simplest form.	$\frac{1}{3}$
14)	Quadra gets £120 for her birthday. She spends $\frac{3}{4}$ and saves the rest. How much does she save?	£30
15)	If $x = 7$, work out the value of $x^2 - 5$.	44
16)	If 1kg of rice costs £1.20, how much does 500g cost?	£0.60
17)	How many vertices does a hexagonal pyramid have?	7
18)	Convert 0.7 into a percentage.	70%

