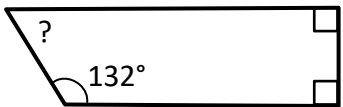
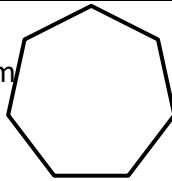


Name

Date



MENTAL MATHS QUIZ 6:10

1)	$173.6 \div 100$	
2)	$5^2 - 2^3$	
3)	Find 10% of £6.70	
4)	<p>Find the missing angle on this trapezium.</p>  <p>Not to scale</p>	
5)	A ream of paper is 500 sheets. A box holds 6 reams. How many sheets in 4 boxes?	
6)	Find the range of 2.7, 3.1, 4.2, 1.9, 2.4 and 2.7.	
7)	If $x = 7$, what is the value of $(4 - x)(2 + x)$	
8)	If 8km = 5 miles, how many miles is 48km?	
9)	<p>Name this regular shape and find its perimeter.</p> 	<p>Shape _____</p> <p>Perimeter _____</p>
10)	What is the value of y if $7 - y = -3$	
11)	I run 3 miles in 20 minutes. What was my average speed in miles per hour?	
12)	I make a scale model of a tower using a scale of 1:300. If the real tower is 120 metres tall, how tall is my scale model in cm?	
13)	Captain Salamander has a box of chocolates. He gives $\frac{3}{5}$ of them to his friends. He has 14 left. How many were there to start with?	
14)	A chicken needs to be cooked for 20 minutes per pound, plus an extra 30 minutes. How long would a 7-pound chicken need cooking for?	___ h ___ min
15)	A pack of 12 pens costs £3.60. How much does one pen cost?	
16)	I buy a packet of Captain Crunch cereal. It normally has 600g, but has 20% extra free. How many grams is there in the packet?	
17)	A zoo costs £40 for an adult and £28 for a child entry. How much for 2 adults and 2 children?	
18)	A cuboid measures 4 cm by 3 cm by 2 cm. What is the volume?	

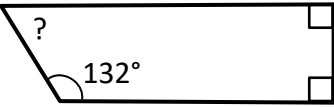
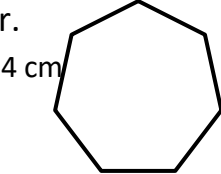


Name

Date



MENTAL MATHS QUIZ 6:10 ANSWERS

1)	$173.6 \div 100$	1.736
2)	$5^2 - 2^3$	25-8=17
3)	Find 10% of £6.70	£0.67
4)	Find the missing angle on this trapezoid. 	48°
5)	A ream of paper is 500 sheets. A box holds 6 reams. How many sheets in 4 boxes?	12,000
6)	Find the range of 2.7, 3.1, 4.2, 1.9, 2.4 and 2.7.	4.2-1.9=2.3
7)	If $x = 7$, what is the value of $(4 - x)(2 + x)$	-27
8)	If 8km = 5 miles, how many miles is 48km?	30 miles
9)	Name this regular shape and find its perimeter. 	Shape heptagon Perimeter 28 cm
10)	What is the value of y if $7 - y = -3$	$y = 10$
11)	I run 3 miles in 20 minutes. What was my average speed in miles per hour?	9 mph
12)	I make a scale model of a tower using a scale of 1:300. If the real tower is 120 metres tall, how tall is my scale model in cm?	40 cm
13)	Captain Salamander has a box of chocolates. He gives $\frac{3}{5}$ of them to his friends. He has 14 left. How many were there to start with?	35
14)	A chicken needs to be cooked for 20 minutes per 500g, plus an extra 30 minutes. How long would a $3\frac{1}{2}$ kg chicken need cooking for?	2 h 50 min
15)	A pack of 12 pens costs £3.60. How much does one pen cost?	30p
16)	I buy a packet of Captain Crunch cereal. It normally has 600g, but has 20% extra free. How many grams is there in the packet?	720g
17)	A zoo costs £40 for an adult and £28 for a child entry. How much for 2 adults and 2 children?	£136
18)	A cuboid measures 4 cm by 3 cm by 2 cm. What is the volume?	24 cm³



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