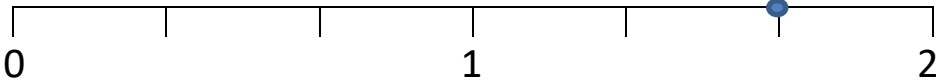





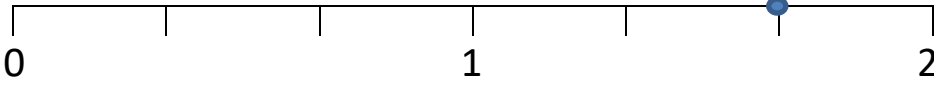

# MENTAL MATH QUIZ 4:10

1)	$\frac{5}{8} - \frac{1}{4}$	
2)	$8 \frac{1}{2} \text{ kg} = \text{_____ g}$	
3)	Which is longer? 1m 200cm 3 ft 700mm 1 yard	
4)	Work out the value of $7(x - 2)$ if $x = 5$	
5)	The scores in a times table test are 17, 21, 29, 14, 23, 26. What is the <b>range</b> ?	
6)	What mixed fraction does the number line show? 	
7)	What is the next number? 7.4, 7.1, 6.8, 6.5, 6.2, _____	
8)	Work out $6 + 7 \times 3$ (think about the order of operations!)	
9)	Which is more $\frac{5}{8}$ of 40 or $\frac{3}{4}$ of 32?	
10)	Which of these <b>quadrilaterals</b> is a rhombus? 	
11)	A raffle ticket costs \$1.50. How many tickets would I need to sell to make my target of \$150?	
12)	I set off on a 15-mile cycle ride at a speed of 10 miles per hour. How long does the ride take me?	_____ min
13)	Tyger and Frazer weigh a total of 23kg. Tyger is 7kg heavier than Frazer. How much do they each weigh?	
14)	A rectangle has an area of $24\text{cm}^2$ and one side of length 6cm. What is the length of the other side?	
15)	A milkshake costs \$0.99. How much are 5 milkshakes?	
16)	A mile is 1609m. How many meters in 2 miles?	





# MENTAL MATH QUIZ 4:10 ANSWERS

1)	$\frac{5}{8} - \frac{1}{4}$	$\frac{3}{8}$
2)	$8 \frac{1}{2} \text{ kg} = \underline{\hspace{2cm}} \text{ g}$	<b>8500g</b>
3)	Which is longer? 1m    200cm    3 ft    700mm    1 yard	<b>200cm</b>
4)	Work out the value of $7(x - 2)$ if $x = 5$	<b>21</b>
5)	The scores in a times table test are 17, 21, 29, 14, 23, 26. What is the <b>range</b> ?	<b>29-14=15</b>
6)	What mixed fraction does the number line show? 	<b>1 <math>\frac{5}{3}</math></b>
7)	What is the next number? 7.4, 7.1, 6.8, 6.5, 6.2, ___	<b>5.9</b>
8)	Work out $6 + 7 \times 3$ (think about the order of operations!)	<b>27</b>
9)	Which is more $\frac{5}{8}$ of 40 or $\frac{3}{4}$ of 32?	<b><math>\frac{5}{8}</math> of 40</b>
10)	Which of these <b>quadrilaterals</b> is a rhombus? 	<b>B</b>
11)	A raffle ticket costs \$1.50. How many tickets would I need to sell to make my target of \$150?	<b>100</b>
12)	I set off on a 15-mile cycle ride at a speed of 10 miles per hour. How long does the ride take me?	<b>90 min</b>
13)	Tyger and Frazer weigh a total of 23kg. Tyger is 7kg heavier than Frazer. How much do they each weigh?	<b>Tyger 15kg Frazer 8 kg</b>
14)	A rectangle has an area of $24\text{cm}^2$ and one side of length 6cm. What is the length of the other side?	<b>4cm</b>
15)	A milkshake costs \$0.99. How much are 5 milkshakes?	<b>\$4.95</b>
16)	A mile is 1609m. How many meters in 2 miles?	<b>3218m</b>

