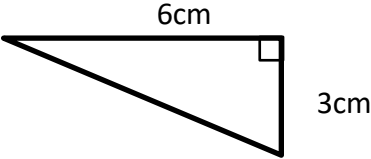




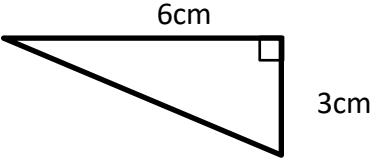
MENTAL MATH QUIZ 5:8

1)	Work out 3^3	
2)	If $5x - 1 = 34$ what is the value of x ?	
3)	0.3×40	
4)	Write as a decimal $7 + \frac{12}{100}$	
5)	What is 20% of \$15?	
6)	Find the median of 1.1, 1.3, 1.5, 1.2, 1.9, 0.7 and 1.1.	
7)	Estimate to the nearest 10: 14.16×2.93	
8)	What is the area of this triangle? 	
9)	$300 + 0.4 + \underline{\quad} = 307.46$	
10)	372.6×100	
11)	6 packages each have a mass of 11 pounds. How many pounds less than 5 stone is the total weight?	
12)	Flowers cost 70¢ for 10. How much would I need to pay for 25 flowers?	
13)	I need to mix brown paint using red, blue and yellow in the ratio of 2:1:3. If I need to mix 18 fluid ounces of paint, how much yellow paint will I need?	
14)	What is the value of $\frac{x + 8}{4}$ if $x = 12$	
15)	The Salamanders guessed how far a frog could jump in a minute. Captain guessed 3.2m, Sally guessed 2.7m. Tyger guessed 2.1m. In the end, the frog jumped 245cm. Whose guess was closest?	
16)	Convert $7 \frac{2}{5}$ into a decimal.	
17)	The perimeter of a regular hexagon is 42cm. What is the length of each side?	
18)	The time in New York is 16:45 (EDT). What is the time in Brisbane (AEST) which is 14 hours ahead?	





MENTAL MATH QUIZ 5:8 ANSWERS

1)	Work out 3^3	27
2)	If $5x - 1 = 34$ what is the value of x ?	$x = 7$
3)	0.3×40	12
4)	Write as a decimal $7 + \frac{12}{100}$	7.12
5)	What is 20% of \$15?	\$3
6)	Find the median of 1.1, 1.3, 1.5, 1.2, 1.9, 0.7 and 1.1.	1.2
7)	Estimate to the nearest 10: 14.16×2.93	40
8)	What is the area of this triangle? 	9cm^2
9)	$300 + 0.4 + \underline{\quad} = 307.46$	7.06
10)	372.6×100	37260
11)	6 packages each have a mass of 11 pounds. How many pounds less than 5 stone is the total weight?	4
12)	Flowers cost 70¢ for 10. How much would I need to pay for 25 flowers?	\$1.75
13)	I need to mix brown paint using red, blue and yellow in the ratio of 2:1:3. If I need to mix 18 fluid ounces of paint, how much yellow paint will I need?	9 fl oz
14)	What is the value of $\frac{x + 8}{4}$ if $x = 12$	5
15)	The Salamanders guessed how far a frog could jump in a minute. Captain guessed 3.2m, Sally guessed 2.7m. Tyger guessed 2.1m. In the end, the frog jumped 245cm. Whose guess was closest?	Sally
16)	Convert $7\frac{2}{5}$ into a decimal.	7.4
17)	The perimeter of a regular hexagon is 42cm. What is the length of each side?	7cm
18)	The time in New York is 16:45 (EDT). What is the time in Brisbane (AEST) which is 14 hours ahead?	06:45

