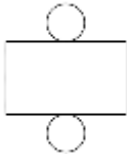


Name

Date

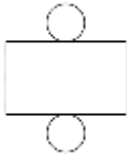


MENTAL MATH QUIZ 6:2

1)	0.4×9	
2)	$62.75 \div 10$	
3)	Which value for h makes this inequality true? $19 - h > 14$ a) $h = 5$ b) $h = 10$ c) $h = 4$ d) $h = 14$	
4)	Simplify this expression: $3b + 4b + b$	
5)	What is the value of $\frac{1}{2} \div \frac{1}{4}$?	
6)	Sally runs 7 miles in 42 minutes. What is her unit rates in minutes per mile?	
7)	What is the median of this data set? 5, 9, 6, 4, 5, 7, 5, 6, 8	
8)	What is $ 2 - 7 $?	
9)	Which 3d shape will this net make? 	
10)	How many cm in 3.2 m?	
11)	What is the volume of a rectangular prism 3 inches long, 7 inches wide and 5 inches high?	
12)	Write the mathematical expression which represents this statement: <i>Subtract n from 20.</i>	
13)	The ratio of tigers to lions in a zoo is 3:2. If there are 10 lions in the zoo, how many tigers?	
14)	Find a pair of numbers with a difference of 2 and a product of 63.	
15)	$4 \times (20 - 2 \times 7)$	
16)	Work out $\frac{2}{3} + \frac{3}{4}$. Give your answer as a mixed number.	
17)	What is the value of CXCIV?	
18)	Captain has three times as many coins as Tyger. If Tyger has m coins, write an expression to represent how many coins Captain has.	



MENTAL MATH QUIZ 6:2 ANSWERS

1)	0.4×9	3.6
2)	$62.75 \div 10$	6.275
3)	Which value for h makes this inequality true? $19 - h > 14$ a) $h = 5$ b) $h = 10$ c) $h = 4$ d) $h = 14$	c) $h = 4$
4)	Simplify this expression: $3b + 4b + b$	8b
5)	What is the value of $\frac{1}{2} \div \frac{1}{4}$?	2
6)	Sally runs 7 miles in 42 minutes. What is her unit rates in minutes per mile?	6 minutes per mile
7)	What is the median of this data set? 5, 9, 6, 4, 5, 7, 5, 6, 8	6
8)	What is $ 2 - 7 $?	5
9)	Which 3d shape will this net make? 	cylinder
10)	How many cm in 3.2 m?	320
11)	What is the volume of a rectangular prism 3 inches long, 7 inches wide and 5 inches high?	105 in³
12)	Write the mathematical expression which represents this statement: <i>Subtract n from 20.</i>	20 - n
13)	The ratio of tigers to lions in a zoo is 3:2. If there are 10 lions in the zoo, how many tigers?	15
14)	Find a pair of numbers with a difference of 2 and a product of 63.	7 and 9
15)	$4 \times (20 - 2 \times 7)$	24
16)	Work out $\frac{2}{3} + \frac{3}{4}$. Give your answer as a mixed number.	1 $\frac{5}{12}$
17)	What is the value of CXCIV?	195
18)	Captain has three times as many coins as Tyger. If Tyger has m coins, write an expression to represent how many coins Captain has.	3m