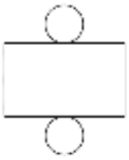
Name Date

MENTAL MATH QUIZ 6:2

1)	0.4 x 9	
2)	62.75 ÷ 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 ½ ÷ ¼ ?	
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: *Subtract n from 20.*	
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 x (20 – 2 x 7)	
16)	Work out $^2/_3 + {}^3/_4$. Give your answer as a mixed number.	
17)	What is the value of CXCV?	
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.	