5.NBT.B

Perform operations with multi-digit whole numbers and with decimals to hundredths.

1. Determine the product.

$$\begin{array}{r} 4238 \\ \times\ 32 \\ \hline \end{array}$$

2. Determine the quotient. $335 \div 5$

3. Which equation has the same unknown value as $228 \div 12 = \square$?

   A. $228 \times \square = 12$
   B. $12 \times \square = 228$
   C. $\square \div 12 = 228$
   D. $\square \div 228 = 12$

4. Determine the value of $\square$ in the equation.
   $18.9 + \square = 33.74$

5. Which equation shows a correct strategy and product for the expression show?
   0.4×0.8

   A. $\frac{4}{10} \times \frac{8}{10} = \frac{32}{10}$ B. $\frac{4}{10} \times \frac{8}{10} = \frac{32}{100}$

   C. $\frac{4}{100} \times \frac{8}{100} = \frac{32}{100}$ D. $\frac{4}{100} \times \frac{8}{100} = \frac{32}{10{,}000}$

6. Edward bikes the same route to and from school each day. After 28 school days, he bikes a total distance of 389.2 miles.

   a. Estimate how many miles he bikes in one day.

   b. If Edward continues his routine of biking to school, about how many days altogether will it take him to reach a total of 500 miles?

7. $156 \div 24$ and $102 \div 15$ both have a quotient of 6 and a remainder of 12.
   Are the division expressions equivalent to each other? Use your knowledge of decimal division to justify your answer.

8. Michael has a collection of 1,404 sports cards. He hopes to sell the collection in packs of 36 cards, and make $633.75 when all the packs are sold. If each pack is priced the same, how much should Michael charge per pack?