

7
 6-B
 5-C
 4-F

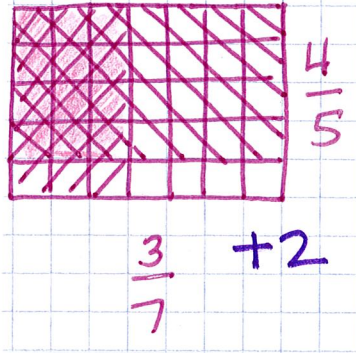
Name: Key
Per: _____

Ch. 5 Quiz
Multiplying Portions

Directions: Carefully read each problem and solve as completely as you can. Enter final answers into form on Google Classroom.

1. Use a diagram to find the product of $\frac{4}{5} \cdot \frac{3}{7}$

$$\frac{4}{5} \cdot \frac{3}{7} = \frac{12}{35} + 1$$



2. What is $\frac{2}{3}$ of 70%? $+1$

$$\frac{2}{3} \cdot \frac{70}{100} = \frac{14}{30} \text{ or } \frac{140}{300}$$

3. What is the product 0.04×0.7 ?

$$\begin{array}{r} 0.04 \\ \times 0.7 \\ \hline 0.28 \end{array} \quad \textcircled{3} \text{ or } \frac{4}{100} \times \frac{7}{10} = \frac{28}{1000} + 1$$

4. What is the area of a rectangle that has a length of $\frac{3}{8}$ and a width of $\frac{1}{5}$?

$$\frac{3}{8} \cdot \frac{1}{5} = \frac{3}{40}$$

5. What is the product of $3\frac{1}{10} \cdot \frac{2}{5}$?

$$3\frac{1}{10} \times \frac{2}{5} = \frac{62}{50} = 1\frac{12}{50} = 1\frac{6}{25} + 1$$

or

$$\begin{array}{r} 3.1 \\ \times 0.4 \\ \hline 1.24 \end{array} \quad \text{or} \quad \frac{2}{5} \left(3 + \frac{1}{10} \right) = \frac{6}{5} + \frac{2}{50} = \frac{60}{50} + \frac{2}{50} = \frac{62}{50}$$