

Name _____

1. Write the correct term next to the meaning.

factor	mixed number	product
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_____ a number that combines a whole number and a fraction
 _____ the result of multiplication
 _____ a number that is multiplied by another number

2. Select all the expressions that have $\frac{2}{3}$ as a product.

☐ $\frac{4}{5} \times \frac{5}{6}$

☐ $\frac{7}{8} \times \frac{9}{10}$

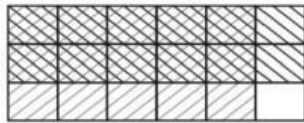
☐ $\frac{1}{3} \times \frac{2}{3}$

☐ $\frac{3}{4} \times \frac{7}{12}$

☐ $\frac{6}{7} \times \frac{7}{9}$

3. Find $1\frac{1}{4} \times 5\frac{3}{5}$.

4. Barry made a model to show multiplication of a fraction by a fraction. What multiplication sentence does the model represent?



5. A full bag of dog food weighs $5\frac{1}{2}$ pounds. How much dog food do you have if there are $3\frac{3}{4}$ bags in the cupboard?

6. On the track and field team, $\frac{3}{8}$ of the members do the hurdles. Of the members who do the hurdles, $\frac{4}{5}$ also do the long jump. If there are 40 members on the track team, how many do both the hurdles and the long jump?

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7. Circle the reciprocal of each number

0.01	$\frac{1}{100}$	10	100
7	$\frac{7}{1}$	-7	$\frac{1}{7}$
$\frac{6}{18}$	3	$\frac{16}{8}$	6.18

8. Write a multiplication expression that you can use to find $16 \div \frac{4}{5}$.

9. Find $4 \div \frac{3}{8}$. Write the answer as a mixed number.

10. Select all of the equations that are true.

☐ $16 \div \frac{3}{4} = 16 \times \frac{4}{3}$

☐ $15 \div \frac{3}{5} = 15 \times \frac{5}{3}$

☐ $10 \frac{3}{8} = \frac{1}{10} \frac{3}{8}$

☐ $18 \frac{4}{7} = \frac{1}{18} \frac{4}{7}$

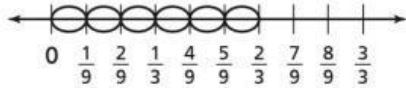
☐ $12 \div 4 = 12 \times \frac{1}{4}$

11. Aisha has 9 pizzas. She is serving each person at a party $\frac{3}{4}$ of a pizza. How many people can she serve at the party?

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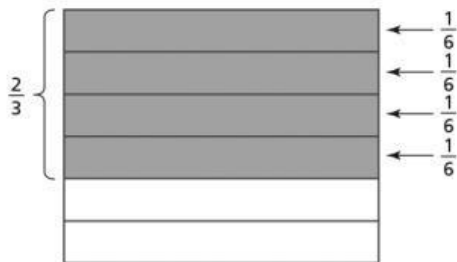
1. If you divide $\frac{7}{8}$ by $\frac{3}{4}$, will the quotient be greater than or less than $\frac{7}{8}$?

2. Which division sentence is shown by the model?



- A. $\frac{2}{3} \div \frac{1}{9} = 6$
 B. $6 \div \frac{6}{9} = 9$
 C. $\frac{1}{9} \div 6 = \frac{2}{3}$
 D. $\frac{1}{9} \div \frac{2}{3} = 6$

3. Complete the division sentence using the model.



$\frac{2}{3} \div \frac{1}{6} = \boxed{}$

4. Find $\frac{1}{4} \div \frac{3}{8}$.

5. How many $\frac{1}{8}$ -inch pieces of ribbon can be cut from a piece of ribbon that is $\frac{3}{4}$ inch long?