

1. Write the correct term next to the meaning.

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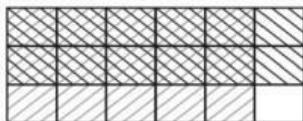
_____ a number that combines a whole number and a fraction
_____ the result of multiplication
_____ a number that is multiplied by another number

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?

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.

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

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

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

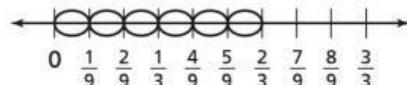
$18 \cdot \frac{4}{7} = \frac{1}{18} \cdot \frac{4}{7}$

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

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?

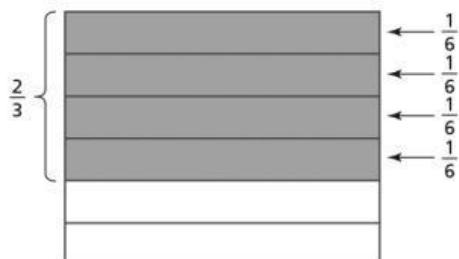
1. If you divide $\frac{7}{8}$ by $\frac{3}{4}$, will the quotient be greater than or less than $\frac{7}{8}$?

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.



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

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?