

Name _____

Date _____

The Relationship of Multiplication and Division

1. Fill in the blank to make each equation true.

a. $12 \div 3 \times \underline{\hspace{1cm}} = 12$

b. $f \times h \div h = \underline{\hspace{1cm}}$

c. $45 \times \underline{\hspace{1cm}} \div 15 = 45$

d. $\underline{\hspace{1cm}} \div r \times r = p$

2. Draw a series of tape diagrams to represent the following number sentences.

a. $12 \div 3 \times 3 = 12$

b. $4 \times 5 \div 5 = 4$

1. Fill in each blank to make the equation true.

a. $132 \div 3 \times 3 = \underline{\hspace{2cm}}$

b. $\underline{\hspace{2cm}} \div 25 \times 25 = 225$

c. $56 \times \underline{\hspace{2cm}} \div 8 = 56$

d. $452 \times 12 \div \underline{\hspace{2cm}} = 452$

2. How is the relationship of addition and subtraction similar to the relationship of multiplication and division?

1. Fill in the blank to make each equation true.

a. $12 \div 3 \times \underline{\quad} = 12$

3

b. $f \times h \div h = \underline{\quad}$

f

c. $45 \times \underline{\quad} \div 15 = 45$

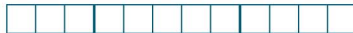
15

d. $\underline{\quad} \div r \times r = p$

p

2. Draw a series of tape diagrams to represent the following number sentences.

a. $12 \div 3 \times 3 = 12$



b. $4 \times 5 \div 5 = 4$



1. Fill in each blank to make each equation true.

a. $132 \div 3 \times 3 = \underline{\quad}$

132

b. $\underline{\quad} \div 25 \times 25 = 225$

225

c. $56 \times \underline{\quad} \div 8 = 56$

8

d. $452 \times 12 \div \underline{\quad} = 452$

12

2. How is the relationship of addition and subtraction similar to the relationship of multiplication and division?

Possible answer: Both relationships create identities.