



Number Relationships: Add/Subtract, Multiply/Divide

Problems for Practice

1. Draw each of the following arrays. Make columns and rows so that there are no spaces between tiles. The first square has been drawn for you.

a. 2 rows of 5



b. 4 columns of 3





2. Fill in the blanks.

a. $4 + 4 + 4 + 4 + 4 = \underline{\hspace{2cm}}$

5 fours = $\underline{\hspace{2cm}}$

$5 \times 4 = \underline{\hspace{2cm}}$

b. $3 + 3 + 3 + 3 = \underline{\hspace{2cm}}$

$\underline{\hspace{2cm}}$ threes = $\underline{\hspace{2cm}}$

$\underline{\hspace{2cm}} \times 3 = \underline{\hspace{2cm}}$

c. $\underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = 8$

$4 \underline{\hspace{2cm}} = 8$

$4 \times \underline{\hspace{2cm}} = 8$

3. Fill in the blanks.

a. 18 bricks are divided into 3 equal groups.

There are $\underline{\hspace{2cm}}$ bricks in each group.

$18 \div 3 = \underline{\hspace{2cm}}$



- b. The teacher had 4 bins.
She placed 20 colored markers in each bin.
Draw the number of markers in each bin and fill in the blanks.

--	--	--	--

She placed ____ markers in each bin.

$$\text{-----} \div 4 = \text{-----}$$

4. Lisa makes 21 cupcakes for the bake sale.
She puts 7 in each box to carry there.
How many boxes does she use? Draw a picture if you like.

$$21 \div 7 = \text{-----}$$

$$7 \times \text{-----} = 21$$



Answer Key

1. a. Drawing with 2 rows of 5
 b. Drawing with 4 columns of 3
2. a. In all blanks: 20
 b. 12, 4 threes = 12, $4 \times 3 = 12$
 c. $2 + 2 + 2 + 2 = 8$, 4 twos = 8, $4 \times 2 = 8$
3. a. 6 in both blanks
 b. 5 in all bins; 5 markers in each bin; $20 \div 4 = 5$
4. 3 in both blanks