

Multiplication of Fractions and Whole Number

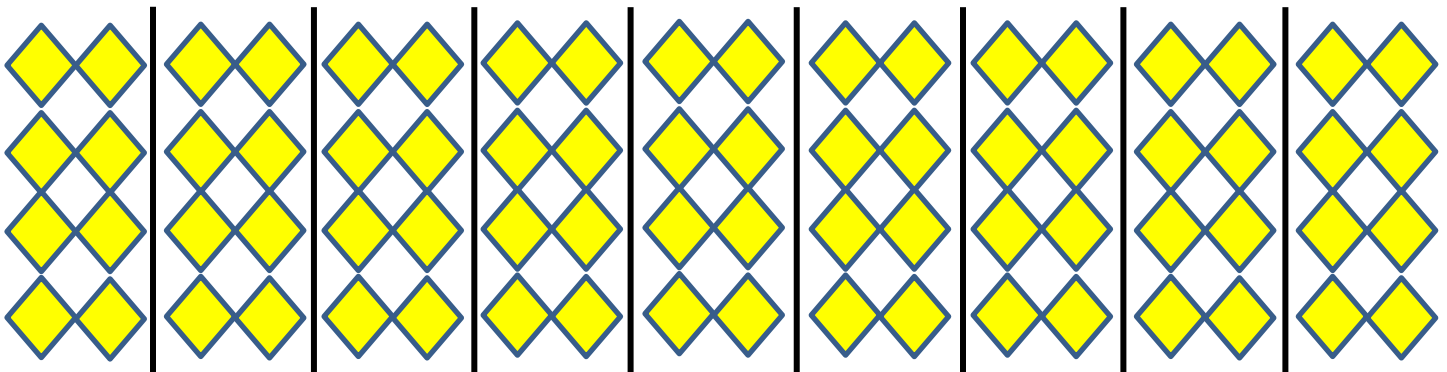
Assignment
Math 5

Part A: Draw an array of **squares** to find the value of the following.

1. $\frac{4}{5}$ of 20 = ?

2. $\frac{2}{9}$ of 45 = ?

Part B: Find the value of the following.



1. $\frac{2}{9}$ of 81 = ?

2. $\frac{5}{9}$ of 81 = ?

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Part C: Use a tape diagram to find the value of the following.

1. $\frac{3}{4}$ of 100 = ?

2. $\frac{5}{7}$ of 140 = ?

Part D: Multiply the following.

1. $\frac{1}{6}$ of 42 = ?

2. $\frac{3}{4}$ of 20 = ?

3. $\frac{2}{5}$ of 55 = ?

4. $\frac{6}{7}$ of 49 = ?

5. $\frac{3}{10}$ of 120 = ?

6. $\frac{3}{8}$ of 96 = ?

7. $\frac{4}{9}$ of 180 = ?

8. $\frac{6}{7}$ of 112 = ?

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Part E: Solve the following problems.

1. Sam used $\frac{3}{4}$ of his savings for his vacation. If Sam had \$1,500, how much money did he spend? How much money does he have left?

2. At work, Pat has one hour break time. She usually spends some time reading newspaper, taking a nap and having coffee. If she spends $\frac{1}{3}$ of her time drinking coffee and $\frac{3}{5}$ to read newspaper, how much time (in minutes) does she have left to take a nap. How long does she read the paper? How long does she drink coffee?