

## **Multiplying Mixed Numbers**



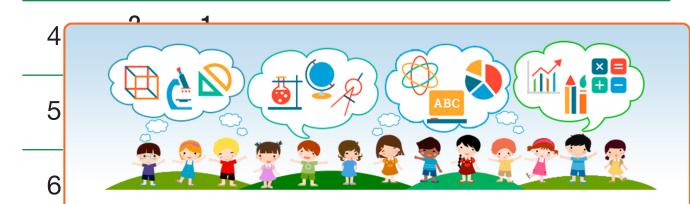
Name \_\_\_\_\_ Date \_\_\_\_\_

Change mixed numbers to fractions before multiplying. Then multiply the fractions. Change the **product** back to a **mixed number**. Reduce if needed.

1. 
$$1\frac{1}{7} \times 1\frac{2}{5} =$$

2. 
$$2\frac{2}{5} \times 1\frac{1}{7} =$$

3. 
$$6\frac{4}{5} \times 2\frac{3}{8} =$$



## **PREVIEW**

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9. 
$$5\frac{1}{8} \times 1\frac{3}{9} =$$

8

10. 
$$2\frac{2}{6} \times 2\frac{3}{9} =$$

11. 
$$1\frac{4}{7} \times 3\frac{1}{2} =$$



8

## Multiplying Mixed Numbers - Answer Key



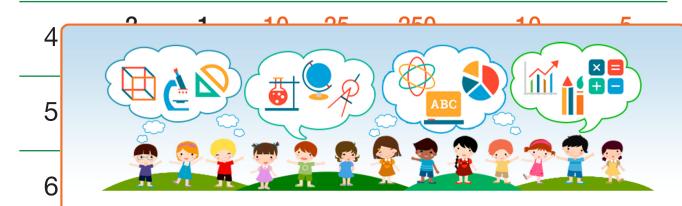
Name \_\_\_\_\_ Date \_\_\_\_\_

Change mixed numbers to fractions before multiplying. Then multiply the fractions. Change the **product** back to a **mixed number**. Reduce if needed.

1. 
$$1\frac{1}{7} \times 1\frac{2}{5} = \frac{8}{7} \times \frac{7}{5} = \frac{56}{35} = 1\frac{21}{35} = 1\frac{3}{5}$$

2. 
$$2\frac{2}{5} \times 1\frac{1}{7} = \frac{12}{5} \times \frac{8}{7} = \frac{72}{35} = 2\frac{2}{35}$$

3. 
$$6\frac{4}{5} \times 2\frac{3}{8} = \frac{34}{5} \times \frac{19}{8} = \frac{646}{40} = 16\frac{6}{40} = 16\frac{3}{20}$$



## **PREVIEW**

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9. 
$$5\frac{1}{8} \times 1\frac{3}{9} = \frac{41}{8} \times \frac{12}{9} = \frac{492}{72} = 6\frac{60}{72} = 6\frac{5}{6}$$
10.  $2\frac{2}{6} \times 2\frac{3}{9} = \frac{14}{6} \times \frac{21}{9} = \frac{294}{54} = 5\frac{24}{54} = 5\frac{4}{9}$ 

11. 
$$1\frac{4}{7} \times 3\frac{1}{2} = \frac{11}{7} \times \frac{7}{2} = \frac{77}{14} = 5\frac{7}{14} = 5\frac{1}{2}$$