

Name \_\_\_\_\_

**Multiply Mixed Numbers****COMMON CORE STANDARD** MACC.5.NF.2.6

Apply and extend previous understandings of multiplication and division to multiply and divide fractions.

Find the product. Write the product in simplest form.

1.  $1\frac{2}{3} \times 4\frac{2}{5}$

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

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

4.  $2\frac{5}{8} \times 1\frac{2}{3}$

$$1\frac{2}{3} \times 4\frac{2}{5} = \frac{5}{3} \times \frac{22}{5}$$

$$= \frac{110}{15} = \frac{22}{3}$$

$$= 7\frac{1}{3}$$

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5.  $5\frac{1}{2} \times 3\frac{1}{3}$

6.  $7\frac{1}{5} \times 2\frac{1}{6}$

7.  $\frac{2}{3} \times 4\frac{1}{5}$

8.  $2\frac{2}{5} \times 1\frac{1}{4}$

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Use the Distributive Property to find the product.

9.  $4\frac{2}{5} \times 10$

10.  $26 \times 2\frac{1}{2}$

11.  $6 \times 3\frac{2}{3}$

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**Problem Solving**  **REAL WORLD**

12. Jake can carry  $6\frac{1}{4}$  pounds of wood in from the barn. His father can carry  $1\frac{5}{7}$  times as much as Jake. How many pounds can Jake's father carry?

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13. A glass can hold  $3\frac{1}{3}$  cups of water. A bowl can hold  $2\frac{3}{5}$  times the amount in the glass. How many cups can a bowl hold?

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