

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

$$\begin{aligned} 1\frac{2}{3} \times 4\frac{2}{5} &= \frac{5}{3} \times \frac{22}{5} \\ &= \frac{110}{15} = \frac{22}{3} \\ &= 7\frac{1}{3} \end{aligned}$$

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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



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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