

LEVEL TWO:

Example: $3\frac{+2}{\times 5} \cdot 3\frac{+1}{\times 3}$

$$\begin{array}{c} \downarrow \\ \frac{17}{5} \cdot \frac{10}{3} = \frac{170}{15} \div 5 = \frac{34}{3} = 11\frac{1}{3} \end{array}$$

1. $\frac{1}{5} \cdot 2\frac{5}{6}$

2. $3\frac{1}{2} \cdot \frac{7}{12}$

3. $4 \cdot 3\frac{3}{4}$

4. $4\frac{1}{4} \cdot 2\frac{1}{2}$

1. Change mixed number to improper fraction.

2. Multiply across the top then multiply across the bottom.

3. Write answer as a mixed number.

4. Reduce fraction if necessary.

Name _____

LEVEL TWO:

Example: $3\frac{+2}{\times 5} \cdot 3\frac{+1}{\times 3}$

$$\frac{17}{5} \cdot \frac{10}{3} = \frac{170}{15} \begin{array}{l} \div 5 \\ \div 5 \end{array} \frac{34}{3} = \textcircled{11\frac{1}{3}}$$

1. $\frac{1}{5} \cdot 2\frac{+5}{\times 6}$

$$\frac{1}{5} \cdot \frac{17}{6} = \textcircled{\frac{17}{30}}$$

2. $3\frac{+1}{\times 2} \cdot \frac{7}{12}$

$$\frac{7}{2} \cdot \frac{7}{12} = \frac{49}{24} = \textcircled{2\frac{1}{24}}$$

3. $4\frac{+3}{\times 4} \cdot 3\frac{+3}{\times 4}$

$$\frac{4}{1} \cdot \frac{15}{4} = \frac{60}{4} \begin{array}{l} \div 4 \\ \div 4 \end{array} = \frac{15}{1} = \textcircled{15}$$

4. $4\frac{+1}{\times 4} \cdot 2\frac{+1}{\times 2}$

$$\frac{17}{4} \cdot \frac{5}{2} = \frac{85}{8} = \textcircled{10\frac{5}{8}}$$

1. Change mixed number to improper fraction.

2. Multiply across the top then multiply across the bottom.

3. Write answer as a mixed number.

4. Reduce fraction if necessary.

Name key