January 27, 2017

7.3 Multiplying Mixed Numbers $4\frac{2}{7} \cdot 3\frac{3}{5} + \frac{38}{18} \cdot \frac{38}{5} = \frac{76}{5}$ mixed number Ly into improper traction $4\frac{2}{7} = \frac{4.9+2}{9} = \frac{38}{9} \quad 3\frac{3}{5} = \frac{3.5+3}{5} = \frac{16}{5}$

$$\frac{76}{6} = 15\frac{1}{5}$$

$$Improper \rightarrow Mxd Numper$$

$$\frac{15}{5}r1$$

$$\frac{5}{76}$$

$$\frac{5}{26}$$

$$\frac{7}{1}$$

 $\frac{7}{4} \times 2\frac{2}{5} \qquad 1. Then to improper$ $\frac{7}{4} \times \frac{8}{3} \qquad 2. 5 implify bit Multiply$ $\frac{7}{4} \times \frac{8}{3} \qquad 3. multiply$ $\frac{7}{4} \times \frac{2}{3} \qquad 3. multiply$ $\frac{14}{3} \qquad 4. Return to inviect$ number if needed43

6 10 · 10 2 6 10 · 10 2 4 32 · 10 2 15 · 10 2 <u> 4</u>. <u>=</u> = \$ = 8

 $\frac{2}{3} \times \frac{1}{3}$ 23 × 3 <u>8</u> 9

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