2.1

Multiplying Mixed Numbers

1) $\dfrac{7}{12} \cdot \dfrac{3}{14} =$
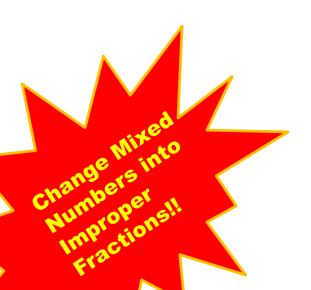
2) $\dfrac{10}{26} \cdot \dfrac{13}{25} =$

3) $\quad \dfrac{2}{3} \times \dfrac{3}{40} \times \dfrac{5}{6} =$

Application

You reserve $\dfrac{2}{5}$ of the seats on a tour bus. You are able to fill $\dfrac{5}{8}$ of the seats you reserve. What fraction of the seats on the bus are you able to fill?

Multiplying Mixed Numbers

$$4) \quad 1\frac{1}{3} \bullet 3\frac{3}{4} =$$

Change Mixed Numbers into Improper Fractions!!

Multiplying Mixed Numbers

5) $\quad 3\dfrac{1}{3} \bullet 4\dfrac{2}{5} =$

Change Mixed Numbers into Improper Fractions!!

Multiplying Mixed Numbers

6) $\dfrac{3}{5} \bullet 45 =$

7) $\quad 6\dfrac{1}{3} \times \dfrac{3}{4} =$

8) $\dfrac{1}{2} \times 2\dfrac{3}{4} =$

10) $\quad 1\dfrac{7}{8} \times 2\dfrac{2}{5} =$

Real-life Application

$21\frac{1}{3}$ m

$13\frac{1}{2}$ m

A city is resurfacing a basketball court. Find the area of the court.