A recipe calls for $3\frac{2}{3}$ cups of milk. If we want to make $2\frac{1}{2}$ batches, how many cups of milk will we need?

$$3\frac{2}{3}×2\frac{1}{2}=$$

Strategy: Convert the fractions into improper fractions. Then, multiply the numerators followed by the denominators.

$$3\frac{2}{3}×2\frac{1}{2}= $$

Michelle planted a garden with a length of $2\frac{1}{5}$ feet and a width of $6\frac{1}{2}$ . What is the area of her garden?

$$2\frac{1}{5}×6\frac{1}{2}=$$

Strategy: Convert the fractions into improper fractions. Then, multiply the numerators followed by the denominators.

$$2\frac{1}{5}×6\frac{1}{2}= \frac{11}{5}×\frac{13}{2}=\frac{11×13}{5×2}=\frac{143}{10}=14\frac{3}{10}$$

Multiply Fractions

I can multiply mixed numbers.