Multiplying Fractions and Whole Numbers

Example: $4 \times \dfrac{3}{5} =$

Step 1: Change the 4 so it is a fraction: $\dfrac{4}{1} \times \dfrac{3}{5} =$

Step 2: Multiply across $\dfrac{4 \times 3}{1 \times 5} = \dfrac{12}{5}$

Step 3: Change the improper fraction into a mixed number $2\dfrac{2}{5}$

(use long division to see how many times 5 can go into 12 without going over. The **whole number** is the amount of times, the **numerator** is the remainder, the **denominator** is the same as the improper fraction)

Practice!

1. $6 \times \dfrac{5}{7} =$

2. $9 \times \dfrac{1}{4} =$

2. $4 \times \dfrac{3}{9} =$

4. $7 \times \dfrac{5}{12} =$

3. $5 \times \dfrac{2}{11} =$

6. $21 \times \dfrac{7}{9} =$