

Name: KEY Section: \_\_\_\_\_

# CONVERTING MEASUREMENTS & TIME

## HOW CAN I CONVERT MEASUREMENTS?

1. SET UP THE equation
2. BIGGER UNITS → SMALLER UNITS = multiply  
SMALLER UNITS → BIGGER UNITS = divide
3. USE YOUR STAAR REFERENCE PAGE TO FIND THE CONVERSION RATE!!!!

### EXAMPLES:

36 feet = 432 inches

$$\begin{array}{r} 36 \\ \times 12 \\ \hline 72 \\ + 360 \\ \hline 432 \end{array}$$
  
1 ft = 12 in.

7 kilograms = 7,000 grams

1 kg = 1,000 g  
 $7 \times 1,000 = 7,000$

300 centimeters = 3 meters

~~300~~ ÷ ~~100~~ =  
 $3 \div 1 = 3$

64 fluid ounces = 8 cups

$64 \div 8 = 8$       1 c = 8 fl. oz.

9 weeks = 63 days

$9 \times 7 = 63$       1 wk = 7 days

3 days = 72 hours

$$\begin{array}{r} 24 \\ \times 3 \\ \hline 72 \end{array}$$
      1 d = 24 hrs