

CONVERT ONE MEASUREMENT TO ANOTHER

- There are many units of measurement: inches, feet, yards, miles, millimeters, meters, seconds, minutes, hours, cups, pints, quarts, gallons, ounces, pounds, etc.
- Different types of measurements may have a relationship.
- The relationships are predetermined, for instance:
 - **12 inches = 1 foot**
 - **3 feet = 1 yard**
 - **5280 feet = 1 mile**
 - **1000 millimeters = 1 meter**

How to

- C
- f
- E
- I



formulas

PREVIEW

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- See the formula, 12 inches = 1 foot
 - Input the new value: $4 \times 12 \text{ inches} = 4 \text{ feet}$
 - **48 inches = 4 feet**
- Remember, all equations must be balanced. Whatever is done to one side must be done to the other
 - **To convert minutes to hours**
 - Use the formula, 60 minutes = 1 hour
 - Input the new value: $5 \times 60 \text{ minutes} = 5 \text{ hours}$
 - **300 minutes = 5 hours**
- The correct relationships are often memorized, and others can be found in books or on the internet. Be sure to use the correct formula.

