

Convert Smaller Units to Larger Units

Name: _____

Grade 5 · Divide to change inches to feet, grams to kilograms, minutes to hours and more

How it works

A bigger unit holds many smaller units, so there are **fewer** of the bigger unit. To change to a bigger unit, **divide**.

1 foot = 12 inches, so 48 inches = $48 \div 12 = 4$ feet.

1 foot = 12 inches

1 yard = 3 feet

1 pound = 16 ounces

1 ton = 2,000 pounds

1 gallon = 4 quarts

1 week = 7 days

1 meter = 100 centimeters

1 kilometer = 1,000 meters

1 kilogram = 1,000 grams

1 liter = 1,000 milliliters

1 hour = 60 minutes

1 minute = 60 seconds

A. Complete each table.

inches	feet
12	1
24	
48	
72	
108	

centimeters	meters
100	1
300	
500	
800	
1,200	

ounces	pounds
16	1
32	
48	
80	
128	

B. Convert to the larger unit.

- 36 inches = _____ feet
- 21 feet = _____ yards
- 400 centimeters = _____ meters
- 6,000 meters = _____ kilometers
- 80 ounces = _____ pounds
- 4,000 pounds = _____ tons
- 8,000 grams = _____ kilograms
- 9,000 milliliters = _____ liters
- 40 quarts = _____ gallons
- 720 minutes = _____ hours
- 900 seconds = _____ minutes
- 77 days = _____ weeks

C. Convert. Write what is left over in the smaller unit.

- 50 inches = _____ feet _____ inches
- 150 seconds = _____ minutes _____ seconds
- 40 ounces = _____ pounds _____ ounces
- 200 minutes = _____ hours _____ minutes
- 17 feet = _____ yards _____ feet
- 30 days = _____ weeks _____ days

D. Compare. Write >, < or = in the circle.

- 30 inches ○ 3 feet
- 5,000 meters ○ 5 kilometers
- 70 ounces ○ 4 pounds
- 150 minutes ○ 3 hours

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1 ton = 2,000 pounds

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1 week = 7 days

1 meter = 100 centimeters

1 kilometer = 1,000 meters

1 kilogram = 1,000 grams

1 liter = 1,000 milliliters

1 hour = 60 minutes

1 minute = 60 seconds

A. Complete each table.

inches	feet
12	1
24	2
48	4
72	6
108	9

centimeters	meters
100	1
300	3
500	5
800	8
1,200	12

ounces	pounds
16	1
32	2
48	3
80	5
128	8

B. Convert to the larger unit.

- 36 inches = 3 feet
- 21 feet = 7 yards
- 400 centimeters = 4 meters
- 6,000 meters = 6 kilometers
- 80 ounces = 5 pounds
- 4,000 pounds = 2 tons
- 8,000 grams = 8 kilograms
- 9,000 milliliters = 9 liters
- 40 quarts = 10 gallons
- 720 minutes = 12 hours
- 900 seconds = 15 minutes
- 77 days = 11 weeks

C. Convert. Write what is left over in the smaller unit.

- 50 inches = 4 feet 2 inches
- 150 seconds = 2 minutes 30 seconds
- 40 ounces = 2 pounds 8 ounces
- 200 minutes = 3 hours 20 minutes
- 17 feet = 5 yards 2 feet
- 30 days = 4 weeks 2 days

D. Compare. Write >, < or = in the circle.

- 30 inches < 3 feet
- 5,000 meters = 5 kilometers
- 70 ounces > 4 pounds
- 150 minutes < 3 hours