

Convert Units of Length

Name: _____

Grade 4 · Change a larger unit of length into a smaller unit

How it works

A bigger unit holds many smaller units, so the number gets **bigger** when you change to a smaller unit. **Multiply.**

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

1 foot = 12 inches

1 yard = 3 feet

1 mile = 5,280 feet

1 centimeter = 10 millimeters

1 meter = 100 centimeters

1 kilometer = 1,000 meters

A. Complete each table.

feet	inches
1	12
2	
3	
5	
8	

meters	centimeters
1	100
2	
4	
6	
9	

kilometers	meters
1	1,000
3	
5	
7	
10	

B. Convert.

- 4 feet = _____ inches
- 6 yards = _____ feet
- 3 meters = _____ centimeters
- 7 kilometers = _____ meters
- 9 centimeters = _____ millimeters
- 2 miles = _____ feet
- 8 feet = _____ inches
- 12 meters = _____ centimeters
- 25 centimeters = _____ millimeters
- 10 feet = _____ inches
- 15 yards = _____ feet
- 4 kilometers = _____ meters

C. Convert the mixed measurement.

- 3 feet 5 inches = _____ inches
- 2 yards 1 foot = _____ feet
- 4 meters 30 centimeters = _____ centimeters
- 1 kilometer 250 meters = _____ meters

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

- 2 feet ○ 30 inches
- 3 yards ○ 9 feet
- 5 meters ○ 450 centimeters
- 2 kilometers ○ 2,500 meters
- 6 centimeters ○ 60 millimeters
- 1 mile ○ 5,000 feet

Convert Units of Length (Answer Key)

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

1 foot = 12 inches

1 yard = 3 feet

1 mile = 5,280 feet

1 centimeter = 10 millimeters

1 meter = 100 centimeters

1 kilometer = 1,000 meters

A. Complete each table.

feet	inches
1	12
2	24
3	36
5	60
8	96

meters	centimeters
1	100
2	200
4	400
6	600
9	900

kilometers	meters
1	1,000
3	3,000
5	5,000
7	7,000
10	10,000

B. Convert.

- 4 feet = 48 inches
- 6 yards = 18 feet
- 3 meters = 300 centimeters
- 7 kilometers = 7,000 meters
- 9 centimeters = 90 millimeters
- 2 miles = 10,560 feet
- 8 feet = 96 inches
- 12 meters = 1,200 centimeters
- 25 centimeters = 250 millimeters
- 10 feet = 120 inches
- 15 yards = 45 feet
- 4 kilometers = 4,000 meters

C. Convert the mixed measurement.

- 3 feet 5 inches = 41 inches
- 2 yards 1 foot = 7 feet
- 4 meters 30 centimeters = 430 centimeters
- 1 kilometer 250 meters = 1,250 meters

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

- 2 feet $\left(< \right)$ 30 inches
- 3 yards $\left(= \right)$ 9 feet
- 5 meters $\left(> \right)$ 450 centimeters
- 2 kilometers $\left(< \right)$ 2,500 meters
- 6 centimeters $\left(= \right)$ 60 millimeters
- 1 mile $\left(> \right)$ 5,000 feet