

Chapter 1: The Nature of Physical Science

Convert Units

1

A rope is 440 cm long. How long is it in millimeters?

- ☐ 44 mm
- A)**
- ☐ 4.4 mm
- B)**
- ☐ 0.44 mm
- C)**
- ☐ 4400 mm
- D)**

2

A rope is 440 cm long. How long is it in meters?

- ☐ 0.44 m
- A)**
- ☐ 4.4 m
- B)**
- ☐ 44 m
- C)**
- ☐ 4400 m
- D)**

3

A rope is 440 cm long. How long is it in kilometers?

- ☐ 0.00440 km
- A)**
- ☐ 4.4 km
- B)**
- ☐ 44 km
- C)**
- ☐ 4400 km
- D)**

4

A pencil is 120 mm long. How long is it in centimeters?

- ☐ 0.12 cm
- A)**
- ☐ 1.2 cm
- B)**

- ☐ 12 cm
- C)**
- ☐ 1200 cm
- D)**

5

A pencil is 120 mm long. How long is it in meters?

- ☐ 0.12 m
- A)**
- ☐ 1.2 m
- B)**
- ☐ 12 m
- C)**
- ☐ 1200 m
- D)**

6

A pencil is 120 mm long. How long is it in kilometers?

- ☐ 12 km
- A)**
- ☐ 0.012 km
- B)**
- ☐ 1.2 km
- C)**
- ☐ 0.00012 km
- D)**

7

A shuttle flies at an altitude of 320 km. How high is it in meters?

- ☐ 0.32 m
- A)**
- ☐ 0.0032 m
- B)**
- ☐ 320,000 m
- C)**
- ☐ 0.032 m
- D)**

8

A shuttle flies at an altitude of 320 km. How high is it in centimeters?

- ☐ 32,000,000 cm
- A)**

- ☐ 32,000 cm
- B)**
- ☐ 32 cm
- C)**
- ☐ 3.2 cm
- D)**

9

Kris walks at a distance of 1.2 km to school. How far is it in meters?

- ☐ 1200 m
- A)**
- ☐ 120 m
- B)**
- ☐ 12 m
- C)**
- ☐ 1.2 m
- D)**

10

Kris walks at a distance of 1.2 km to school. How far is it in centimeters?

- ☐ 120 cm
- A)**
- ☐ 1200 cm
- B)**
- ☐ 12,000 cm
- C)**
- ☐ 120,000 cm
- D)**