Convert SI (Metric) Units of Length

Solve.

1. Joe ran 5 kilometers. How many meters is that?

2. A stack of papers is 18 centimeters high. How many millimeters is that?

3. Would you describe the distance between Houston, Texas, and Chicago, Illinois, in terms of meters or kilometers? Explain.

4. Roscoe said a meter stick measures 100 decimeters. What is Roscoe’s mistake?

5. A paper company makes sheets of cardboard that are 3 millimeters thick. How many sheets of cardboard would be needed to make a pile that is 6 meters tall?

6. Three miles is approximately the same distance as 5 kilometers. If a car is traveling at a speed of 27 miles per hour, how many meters will it travel in 1 minute?