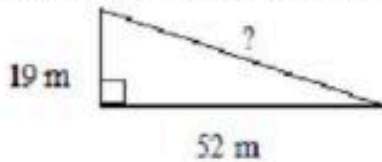## Worksheet: Pythagorean Theorem Problems
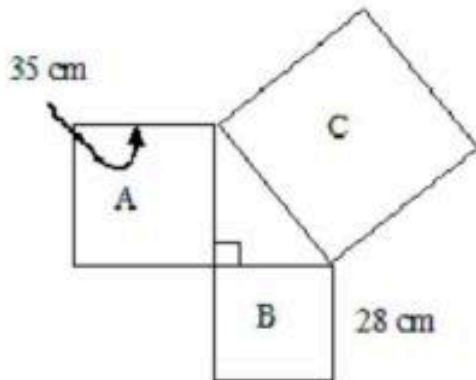
Multiple Choice
Identify the choice that best completes the statement or answers the question.
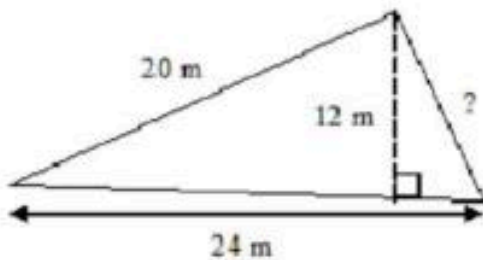
1. What is the measure of the missing length?

a. 55 m	c. 63 m
b. 57 m	d. 71 m

2. Ms. Lange drove about 150 km east from La Sarre, to Senneterre, Quebec. She drove about another 75 km north to Lebel-sur-Quévillon. What is the approximate air distance from La Sarre to Lebel-sur-Quévillon, Québec?

a. 160 km	c. 175 km
b. 168 km	d. 225 km

3. What is the area of Square C?

a. 90 cm^2	c. 2009 cm^2
b. 1960 cm^2	d. 3969 cm^2

4. What is the measure of the missing length?

a. 13 m	c. 15 m
b. 14 m	d. 16 m

5. What is the measure of the diagonal of the square to the nearest tenth of a millimetre?