Solve all the questions

1. A ladder is leaning against a wall that is 9 m tall. The foot of the ladder is 3 m away from the wall. How long is the ladder?

A. 6 meters

B. 10 meters

C. 12 meters

D. 15 meters

2. A right triangle has legs of lengths 7 cm and 24 cm. What is the length of the hypotenuse?

A. 17 cm

B. 25 cm

C. 29 cm

D. 31 cm

3. A flagpole is standing vertically on a building. A 25-meter-long cable is attached to the top of the flagpole and the building. If the flagpole is 20 meters high, how far up the building is the cable attached?

A. 15 meters

B. 20 meters

C. 21 meters

D. 24 meters

Remarks: Copy the questions in your note book and solve.

LIVEWORKSHEETS