FUN MATH KIDS

Easy

# Pythagoras MCQ

Topic: Find missing side using Pythagoras A–D · Grade: grade 7

Name: _____ Date: _____ Score: _____/ 8

*Use Pythagoras to find the hypotenuse, then tick the correct answer.*

**1.** A right-angled triangle has legs 9 cm and 40 cm. Find the length of the hypotenuse.

- ☐ A. 41 cm
- ☐ B. 42 cm
- ☐ C. 40 cm
- ☐ D. 49 cm

**2.** A right-angled triangle has legs 9 cm and 12 cm. Find the length of the hypotenuse.

- ☐ A. 21 cm
- ☐ B. 15 cm
- ☐ C. 14 cm
- ☐ D. 16 cm

**3.** A right-angled triangle has legs 7 cm and 24 cm. Find the length of the hypotenuse.

- ☐ A. 25 cm
- ☐ B. 26 cm
- ☐ C. 24 cm
- ☐ D. 31 cm

**4.** A right-angled triangle has legs 6 cm and 8 cm. Find the length of the hypotenuse.

- ☐ A. 11 cm
- ☐ B. 14 cm
- ☐ C. 9 cm
- ☐ D. 10 cm

**5.** A right-angled triangle has legs 10 cm and 24 cm. Find the length of the hypotenuse.

- ☐ A. 25 cm
- ☐ B. 26 cm
- ☐ C. 27 cm
- ☐ D. 34 cm

**6.** A right-angled triangle has legs 20 cm and 21 cm. Find the length of the hypotenuse.

- ☐ A. 28 cm
- ☐ B. 41 cm
- ☐ C. 30 cm
- ☐ D. 29 cm

**7.** A right-angled triangle has legs 8 cm and 15 cm. Find the length of the hypotenuse.

- ☐ A. 23 cm
- ☐ B. 18 cm
- ☐ C. 16 cm
- ☐ D. 17 cm

**8.** A right-angled triangle has legs 3 cm and 4 cm. Find the length of the hypotenuse.

- ☐ A. 5 cm
- ☐ B. 6 cm
- ☐ C. 7 cm
- ☐ D. 4 cm