

**NCTM Standard: Geometry and Problem Solving** – apply the Pythagorean Theorem to solve problems

# Haul in the Pythagorean Theorem

Using the Pythagorean Theorem ( $a^2 + b^2 = c^2$ ), determine the length of the hypotenuse of each triangle in the boxes to the right. Then find the matching answer below. You will probably need a calculator for this activity.

1. 15.62 inches
2. 11.4 inches
3. 9.2 inches
4. 5 inches
5. 11.66 inches
6. 11.18 centimeters
7. 7.81 centimeters
8. 9.43 centimeters
9. 10.3 inches
10. 12.08 centimeters
11. 6.4 centimeters
12. 8.485 centimeters
13. 8.6 centimeters
14. 12.04 centimeters
15. 10.8 inches


