

Special Triangles and the Unit Circle - Independent Practice Worksheet

Complete all the problems.

1. Find the length of the hypotenuse of a right triangle if the lengths of the other two sides are both 2 cm.
2. Find the length of the hypotenuse of a right triangle if the lengths of the other two sides are 11 cm and $11\sqrt{3}$ cm.
3. Find the length of the hypotenuse of a right triangle ABC if the lengths of the other two sides are both 14 cm.
4. Find the length of the hypotenuse of a right triangle if the lengths of the other two sides are both 6.1 meter.
5. Find the length of the hypotenuse of a right triangle if the lengths of the other two sides are 3.3 inches and $3.3\sqrt{3}$ inches.
6. Find the length of the hypotenuse of a right triangle ABC if the lengths of the other two sides are both 4.5 inches.
7. Find the length of the hypotenuse of a right triangle if the lengths of the other two sides are both 7 cm.
8. Find the length of the hypotenuse of a right triangle if the lengths of the other two sides are 5 meter and $5\sqrt{3}$ meter.
9. Find the length of the hypotenuse of a right triangle ABC if the lengths of the other two sides are both 6.1 inches.
10. Find the length of the hypotenuse of a right triangle if the lengths of the other two sides are both 5 inches.

