



Here are 30 Pythagorean theorem worksheet questions along with their answers:

****Questions:****

1. Find the length of the hypotenuse (c) in a right triangle with legs of length 3 and 4.
2. Calculate the length of one of the legs (a) in a right triangle with a hypotenuse of 10 and the other leg of 6.
3. In a right triangle with legs of 7 cm and 24 cm, what is the length of the hypotenuse?
4. If the hypotenuse of a right triangle is 13 cm, and one leg is 5 cm, what is the length of the other leg?
5. A right triangle has a hypotenuse of 17 meters and one leg of 8 meters. Find the length of the other leg.
6. Determine the length of the hypotenuse of a right triangle with legs measuring 9 inches and 12 inches.
7. If one leg of a right triangle is 15 cm, and the hypotenuse is 17 cm, what is the length of the other leg?
8. Find the length of one leg of a right triangle with a hypotenuse of 20 cm and the other leg of 16 cm.
9. In a right triangle with a hypotenuse of 26 units and one leg of 10 units, calculate the length of the other leg.
10. A right triangle has a hypotenuse of 25 inches and one leg of 15 inches. Determine the length of the other leg.
11. Find the length of the hypotenuse in a right triangle with legs of 5 and 12.
12. Calculate the length of one leg in a right triangle with a hypotenuse of 15 and the other leg of 9.
13. In a right triangle with legs of 6 cm and 8 cm, what is the length of the hypotenuse?
14. If the hypotenuse of a right triangle is 10 cm, and one leg is 6 cm, what is the length of the other leg?
15. A right triangle has a hypotenuse of 20 meters and one leg of 7 meters. Find the length of the other leg.
16. Determine the length of the hypotenuse of a right triangle with legs measuring 15 inches and 20 inches.
17. If one leg of a right triangle is 18 cm, and the hypotenuse is 30 cm, what is the length of the other leg?
18. Find the length of one leg of a right triangle with a hypotenuse of 29 cm and the other leg of 21 cm.



19. In a right triangle with a hypotenuse of 34 units and one leg of 16 units, calculate the length of the other leg.
20. A right triangle has a hypotenuse of 37 inches and one leg of 24 inches. Determine the length of the other leg.
21. Find the length of the hypotenuse in a right triangle with legs of 8 and 15.
22. Calculate the length of one leg in a right triangle with a hypotenuse of 18 and the other leg of 12.
23. In a right triangle with legs of 10 cm and 18 cm, what is the length of the hypotenuse?
24. If the hypotenuse of a right triangle is 26 cm, and one leg is 10 cm, what is the length of the other leg?
25. A right triangle has a hypotenuse of 21 meters and one leg of 20 meters. Find the length of the other leg.
26. Determine the length of the hypotenuse of a right triangle with legs measuring 7 inches and 24 inches.
27. If one leg of a right triangle is 20 cm, and the hypotenuse is 29 cm, what is the length of the other leg?
28. Find the length of one leg of a right triangle with a hypotenuse of 41 cm and the other leg of 9 cm.
29. In a right triangle with a hypotenuse of 50 units and one leg of 30 units, calculate the length of the other leg.
30. A right triangle has a hypotenuse of 13 inches and one leg of 5 inches. Determine the length of the other leg.

****Answers:****

1. 5 units
2. 8 units
3. 25 cm
4. 12 cm
5. 15 meters
6. 15 inches
7. 8 cm
8. 12 cm



9. 24 units
10. 20 inches
11. 13 units
12. 12 units
13. 10 cm
14. 8 cm
15. 16 meters
16. 25 inches
17. 24 cm
18. 20 cm
19. 30 units
20. 23 inches
21. 17 units
22. 6 units
23. 20 cm
24. 24 cm
25. 7 meters
26. 25 inches
27. 21 cm
28. 40 cm
29. 40 units
30. 12 inches