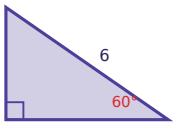
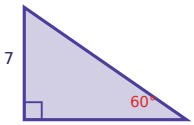
Task card 1 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 60°, and the hypotenuse is 6. Find the length of the side opposite θ.



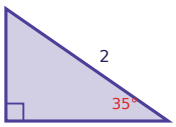
Task card 2 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 60°, and the side opposite θ is 7. Find the length of the side adjacent to θ.



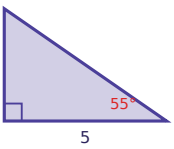
Task card 3 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 35°, and the hypotenuse is 2. Find the length of the side adjacent to θ.



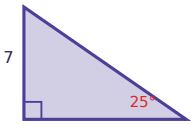
Task card 4 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 55°, and the side adjacent to θ is 5. Find the length of the side opposite θ.



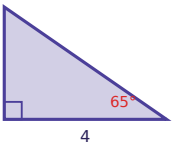
Task card 5 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 25°, and the side opposite θ is 7. Find the length of the side adjacent to θ.



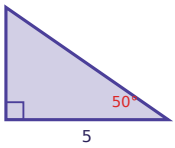
Task card 6 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 65°, and the side adjacent to θ is 4. Find the length of the side opposite θ.



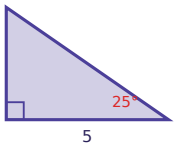
Task card 7 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 50°, and the side adjacent to θ is 5. Find the length of the side opposite θ.



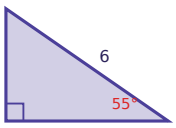
Task card 8 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 25°, and the side adjacent to θ is 5. Find the length of the side opposite θ.



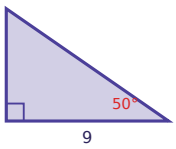
Task card 9 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 55°, and the hypotenuse is 6. Find the length of the side opposite θ.



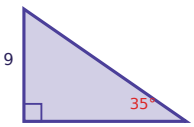
Task card 10 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 50°, and the side adjacent to θ is 9. Find the length of the side opposite θ.



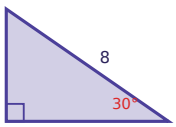
Task card 11 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 35°, and the side opposite θ is 9. Find the length of the side adjacent to θ.



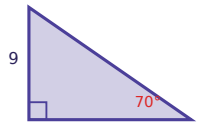
Task card 12 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 30°, and the hypotenuse is 8. Find the length of the side opposite θ.



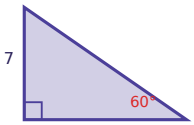
Task card 13 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 70°, and the side opposite θ is 9. Find the length of the side adjacent to θ.



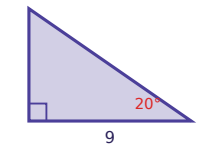
Task card 14 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 60°, and the side opposite θ is 7. Find the length of the hypotenuse.



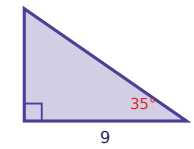
Task card 15 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 20°, and the side adjacent to θ is 9. Find the length of the side opposite θ.



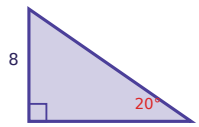
Task card 16 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 35°, and the side adjacent to θ is 9. Find the length of the hypotenuse.



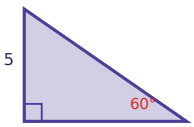
Task card 17 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 20°, and the side opposite θ is 8. Find the length of the hypotenuse.



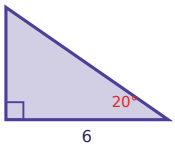
Task card 18 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 60°, and the side opposite θ is 5. Find the length of the side adjacent to θ.



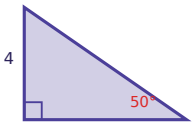
Task card 19 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 20°, and the side adjacent to θ is 6. Find the length of the side opposite θ.



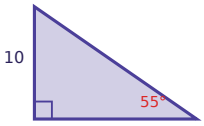
Task card 20 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 50°, and the side opposite θ is 4. Find the length of the side adjacent to θ.



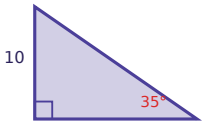
Task card 21 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 55°, and the side opposite θ is 10. Find the length of the hypotenuse.



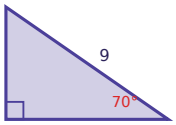
Task card 22 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 35°, and the side opposite θ is 10. Find the length of the hypotenuse.



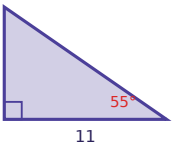
Task card 23 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 70°, and the hypotenuse is 9. Find the length of the side adjacent to θ.



Task card 24 Solving Right Triangles with Trigo...

In a right triangle, angle θ = 55°, and the side adjacent to θ is 11. Find the length of the hypotenuse.



Solving Right Triangles with Trigonometry Task Cards

Recording sheet · Grade 10 · Use trigonometric ratios to solve. Round to the nearest tenth.

Scan to check your answers

Name: _____ Date: _____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Solving Right Triangles with Trigonometry Task Cards: Answer Key

Grade 10 · Easy

The answers online

1. 5.2	**2.** 4.0	**3.** 1.6
4. 7.1	**5.** 15.0	**6.** 8.6
7. 6.0	**8.** 2.3	**9.** 4.9
10. 10.7	**11.** 12.9	**12.** 4.0
13. 3.3	**14.** 8.1	**15.** 3.3
16. 11.0	**17.** 23.4	**18.** 2.9
19. 2.2	**20.** 3.4	**21.** 12.2
22. 17.4	**23.** 3.1	**24.** 19.2