

1

Maria walked 3 km west and 4 km south. How far is she from her starting point?



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2

Laptop screen sizes are determined by the length of the diagonal portion of the screen; rounded to the nearest whole number. A laptop has a 10 inch width and the height measures 8 inches. Calculate the screen size.



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3

David leaves the house to go to school. He walks 200 meters west and 125 meters north. How far is he from his starting point? Round to the nearest whole meter.



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4

There is a rope running from the top of a flagpole to a hook in the ground. The flagpole is 6 meters high, and the hook is 8 meters from its base. How long is the rope?



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5

Mrs. Thornton is teaching a 5th grade class. She is standing 15 meters in front of Hilary. Avisha is sitting 8 meters to Hilary's right. How far apart are Mrs. Thornton and Avisha?



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6

A wire is stretched from the top of an 8 foot pole to a bracket 5 feet from the base of the pole. How long is the wire? Round to the nearest foot.



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7

The diagonal of a rectangle is 25 inches and the width is 15 inches. What is the length?



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8

A 20-foot ladder leaning against a wall is used to reach a window that is 17 feet above the ground. How far from the wall is the bottom of the ladder? Round to the nearest tenth.



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9

How far from the base of the house do you need to place a 15' ladder so that it exactly reaches the top of a 12' wall?



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10

The glass for a picture window is 8 feet wide. The door it must pass through is 3 feet wide. How tall must the door be for the glass to pass through the door? Round to the nearest tenth.



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11

A fire truck parks 16 feet away from a building. The fire truck extends its ladder 30 feet to the very top of the building. How tall is the building? Round to the nearest tenth.



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12

A 10' ladder is leaning against a wall. If the foot of the ladder is 3' from the wall, how high up the wall does the top of the ladder reach? Round to the nearest foot.



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13

A baseball diamond is a square that is 90 feet on each side. What is the distance from home to second base? Round to the nearest tenth.



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14

The area of a square is 81 square centimeters. Find the length of the diagonal. Round to the nearest tenth.



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15

An isosceles triangle has congruent sides of 20 cm. The base is 10 cm. Find the height of the triangle. Round to the nearest tenth.



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16

What is the perimeter of a right triangle if the hypotenuse is 15 centimeters and one of the legs is 9 centimeters?



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Name _____

Task Card Answer Sheet

Show your work!

1	2
3	4
5	6
7	8

9

10

11

12

13

14

15

16