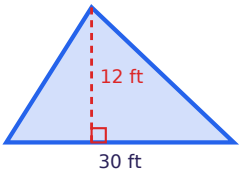
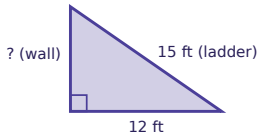
Word Problems · 1

A triangular sail has a base of 30 feet and a height of 12 feet. What is the area of the sail in square feet?



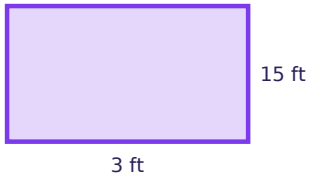
Word Problems · 2

A ladder leans against a wall. The base of the ladder is 12 feet from the wall, and the ladder is 15 feet long. How high up the wall does the ladder reach?



Word Problems · 3

A room is 3 feet by 15 feet. Carpet costs $5 per square foot. How much does it cost to carpet the whole room?



Word Problems · 4

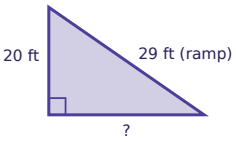
A screen is 12 inches wide and 5 inches tall. How long is its diagonal, in inches?

Word Problems · 5

A wall is 16 feet wide and 20 feet tall. A door in it is 3 feet wide and 7 feet tall. How many square feet of wall need paint?

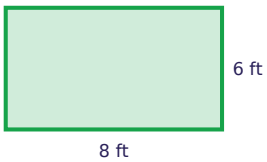
Word Problems · 6

A ramp is 29 feet long and rises 20 feet. How far along the ground does the ramp reach, in feet?



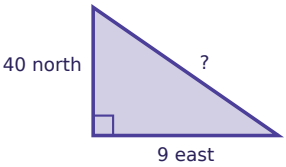
Word Problems · 7

A rectangular garden is 8 feet long and 6 feet wide. What is its area in square feet?



Word Problems · 8

Jada walks 9 blocks east and then 40 blocks north. How many blocks is she from where she started, in a straight line?



Word Problems · 2

ANSWER

9

Word Problems · 1

ANSWER

180

Word Problems · 4

ANSWER

13

Word Problems · 3

ANSWER

225

Word Problems · 6

ANSWER

21

Word Problems · 5

ANSWER

299

Word Problems · 8

ANSWER

41

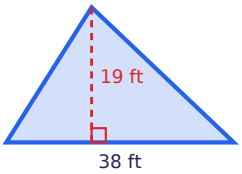
Word Problems · 7

ANSWER

48

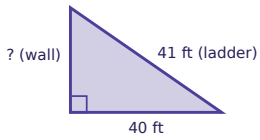
Word Problems · 9

A triangular sail has a base of 38 feet and a height of 19 feet. What is the area of the sail in square feet?



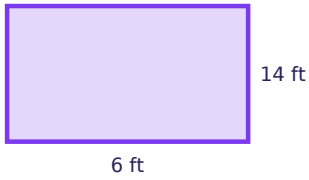
Word Problems · 10

A ladder leans against a wall. The base of the ladder is 40 feet from the wall, and the ladder is 41 feet long. How high up the wall does the ladder reach?



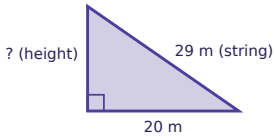
Word Problems · 11

A room is 6 feet by 14 feet. Carpet costs $5 per square foot. How much does it cost to carpet the whole room?



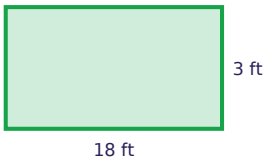
Word Problems · 12

A kite is flying on a string 29 meters long. The kite is right above a spot 20 meters away from the person holding it. How high is the kite?



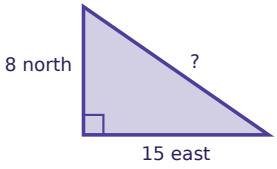
Word Problems · 13

A rectangular garden is 18 feet long and 3 feet wide. What is its area in square feet?



Word Problems · 14

Jada walks 15 blocks east and then 8 blocks north. How many blocks is she from where she started, in a straight line?



Word Problems · 15

A wall is 19 feet wide and 14 feet tall. A door in it is 3 feet wide and 7 feet tall. How many square feet of wall need paint?

Word Problems · 16

A screen is 12 inches wide and 9 inches tall. How long is its diagonal, in inches?

Word Problems · 10

ANSWER

9

Word Problems · 9

ANSWER

361

Word Problems · 12

ANSWER

21

Word Problems · 11

ANSWER

420

Word Problems · 14

ANSWER

17

Word Problems · 13

ANSWER

54

Word Problems · 16

ANSWER

15

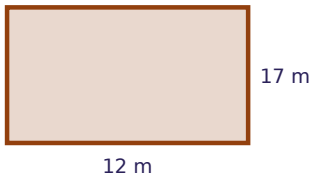
Word Problems · 15

ANSWER

245

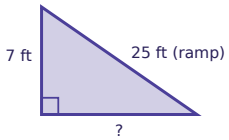
Word Problems · 17

A rectangular dog run is 12 meters long and 17 meters wide. How many meters of fence go all the way around it?



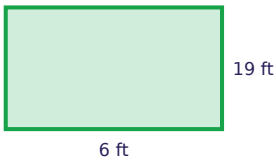
Word Problems · 18

A ramp is 25 feet long and rises 7 feet. How far along the ground does the ramp reach, in feet?



Word Problems · 19

A rectangular garden is 6 feet long and 19 feet wide. What is its area in square feet?

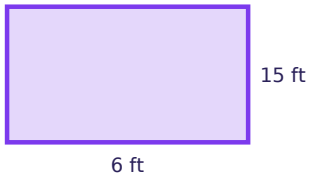


Word Problems · 20

A screen is 8 inches wide and 15 inches tall. How long is its diagonal, in inches?

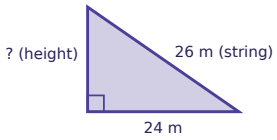
Word Problems · 21

A room is 6 feet by 15 feet. Carpet costs $4 per square foot. How much does it cost to carpet the whole room?



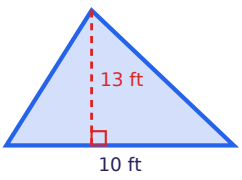
Word Problems · 22

A kite is flying on a string 26 meters long. The kite is right above a spot 24 meters away from the person holding it. How high is the kite?



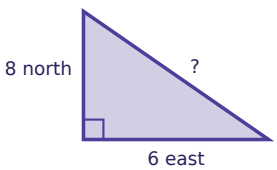
Word Problems · 23

A triangular sail has a base of 10 feet and a height of 13 feet. What is the area of the sail in square feet?



Word Problems · 24

Jada walks 6 blocks east and then 8 blocks north. How many blocks is she from where she started, in a straight line?



Word Problems · 18

ANSWER

24

Word Problems · 17

ANSWER

58

Word Problems · 20

ANSWER

17

Word Problems · 19

ANSWER

114

Word Problems · 22

ANSWER

10

Word Problems · 21

ANSWER

360

Word Problems · 24

ANSWER

10

Word Problems · 23

ANSWER

65