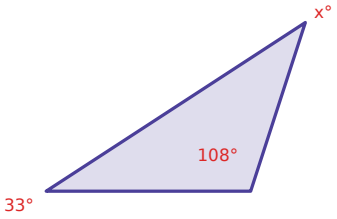
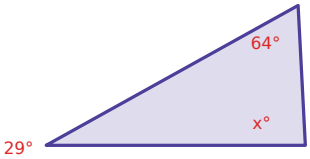
Triangle Angle Sum & Side Lengths · 1

Find the value of x.



Triangle Angle Sum & Side Lengths · 2

Find the value of x.

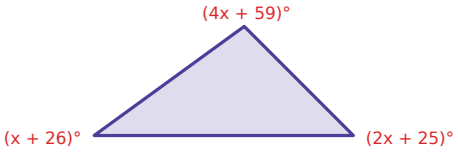


Triangle Angle Sum & Side Lengths · 3

Can a triangle have sides of 8 cm, 2 cm, and 10 cm? Answer Yes or No.

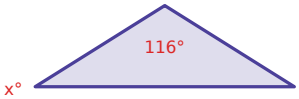
Triangle Angle Sum & Side Lengths · 4

Find the value of x.



Triangle Angle Sum & Side Lengths · 5

The triangle is isosceles, so its two base angles are equal. Find the value of x.



Triangle Angle Sum & Side Lengths · 6

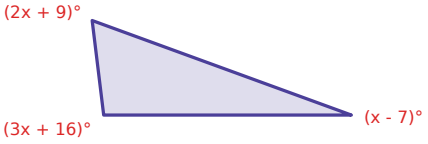
Can a triangle have sides of 6 cm, 22 cm, and 16 cm? Answer Yes or No.

Triangle Angle Sum & Side Lengths · 7

Two sides of a triangle are 8 m and 21 m. The third side is a whole number of meters. What is the least length it could be?

Triangle Angle Sum & Side Lengths · 8

Find the value of x.



Triangle Angle Sum & Side Lengths · 2

ANSWER

87

Triangle Angle Sum & Side Lengths · 1

ANSWER

39

Triangle Angle Sum & Side Lengths · 4

ANSWER

10

Triangle Angle Sum & Side Lengths · 3

ANSWER

No

Triangle Angle Sum & Side Lengths · 6

ANSWER

No

Triangle Angle Sum & Side Lengths · 5

ANSWER

32

Triangle Angle Sum & Side Lengths · 8

ANSWER

27

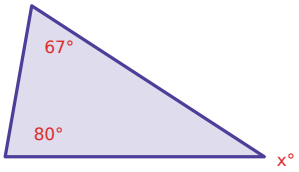
Triangle Angle Sum & Side Lengths · 7

ANSWER

14

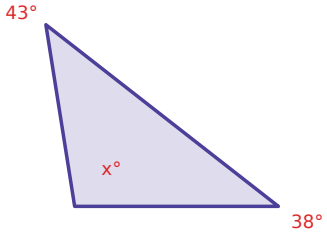
Triangle Angle Sum & Side Lengths · 9

Find the value of x.



Triangle Angle Sum & Side Lengths · 10

Find the value of x.

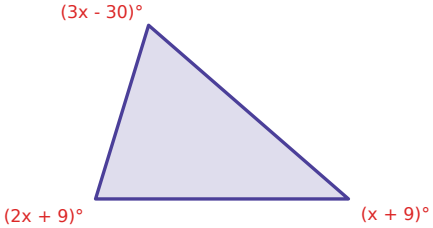


Triangle Angle Sum & Side Lengths · 11

Can a triangle have sides of 10 cm, 19 cm, and 29 cm? Answer Yes or No.

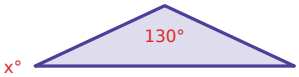
Triangle Angle Sum & Side Lengths · 12

Find the value of x.



Triangle Angle Sum & Side Lengths · 13

The triangle is isosceles, so its two base angles are equal. Find the value of x.



Triangle Angle Sum & Side Lengths · 14

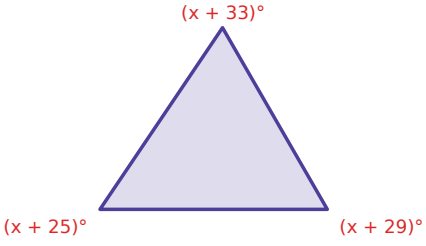
Can a triangle have sides of 19 cm, 6 cm, and 16 cm? Answer Yes or No.

Triangle Angle Sum & Side Lengths · 15

Two sides of a triangle are 24 m and 25 m. The third side is a whole number of meters. What is the greatest length it could be?

Triangle Angle Sum & Side Lengths · 16

Find the value of x.



Triangle Angle Sum & Side Lengths · 10

ANSWER

99

Triangle Angle Sum & Side Lengths · 9

ANSWER

33

Triangle Angle Sum & Side Lengths · 12

ANSWER

32

Triangle Angle Sum & Side Lengths · 11

ANSWER

No

Triangle Angle Sum & Side Lengths · 14

ANSWER

Yes

Triangle Angle Sum & Side Lengths · 13

ANSWER

25

Triangle Angle Sum & Side Lengths · 16

ANSWER

31

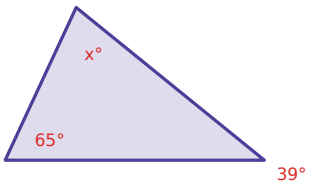
Triangle Angle Sum & Side Lengths · 15

ANSWER

48

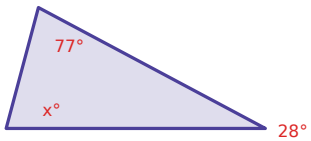
Triangle Angle Sum & Side Lengths · 17

Find the value of x.



Triangle Angle Sum & Side Lengths · 18

Find the value of x.

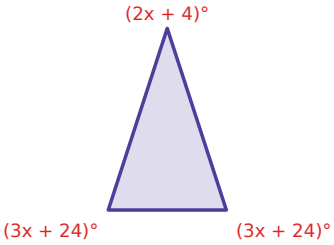


Triangle Angle Sum & Side Lengths · 19

Can a triangle have sides of 9 cm, 15 cm, and 12 cm? Answer Yes or No.

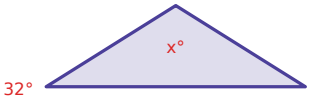
Triangle Angle Sum & Side Lengths · 20

Find the value of x.



Triangle Angle Sum & Side Lengths · 21

The triangle is isosceles, so its two base angles are equal. Find the value of x.



Triangle Angle Sum & Side Lengths · 22

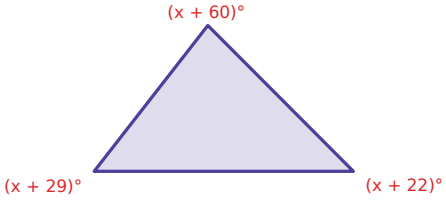
Can a triangle have sides of 14 cm, 16 cm, and 35 cm? Answer Yes or No.

Triangle Angle Sum & Side Lengths · 23

Two sides of a triangle are 20 m and 10 m. The third side is a whole number of meters. What is the greatest length it could be?

Triangle Angle Sum & Side Lengths · 24

Find the value of x.



Triangle Angle Sum & Side Lengths · 18

ANSWER

75

Triangle Angle Sum & Side Lengths · 17

ANSWER

76

Triangle Angle Sum & Side Lengths · 20

ANSWER

16

Triangle Angle Sum & Side Lengths · 19

ANSWER

Yes

Triangle Angle Sum & Side Lengths · 22

ANSWER

No

Triangle Angle Sum & Side Lengths · 21

ANSWER

116

Triangle Angle Sum & Side Lengths · 24

ANSWER

23

Triangle Angle Sum & Side Lengths · 23

ANSWER

29