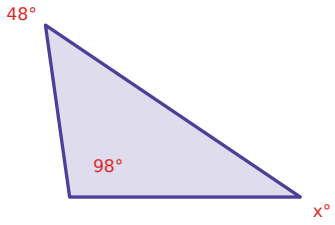
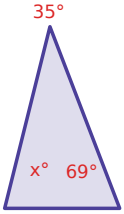
Triangle Angle Sum & Side Lengths · 1

Find the value of x.



Triangle Angle Sum & Side Lengths · 2

Find the value of x.

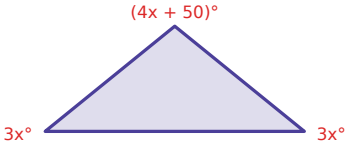


Triangle Angle Sum & Side Lengths · 3

Can a triangle have sides of 7 cm, 16 cm, and 9 cm? Answer Yes or No.

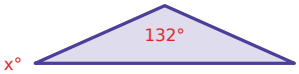
Triangle Angle Sum & Side Lengths · 4

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

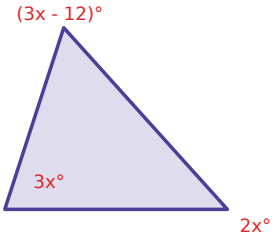
Can a triangle have sides of 8 cm, 7 cm, and 2 cm? Answer Yes or No.

Triangle Angle Sum & Side Lengths · 7

Two sides of a triangle are 4 m and 14 m. The third side is a whole number of meters. What is the greatest length it could be?

Triangle Angle Sum & Side Lengths · 8

Find the value of x.



Triangle Angle Sum & Side Lengths · 2

ANSWER

76

Triangle Angle Sum & Side Lengths · 1

ANSWER

34

Triangle Angle Sum & Side Lengths · 4

ANSWER

13

Triangle Angle Sum & Side Lengths · 3

ANSWER

No

Triangle Angle Sum & Side Lengths · 6

ANSWER

Yes

Triangle Angle Sum & Side Lengths · 5

ANSWER

24

Triangle Angle Sum & Side Lengths · 8

ANSWER

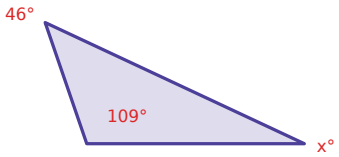
24

Triangle Angle Sum & Side Lengths · 7

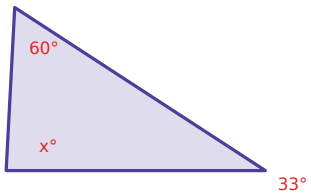
ANSWER

17

Find the value of x.

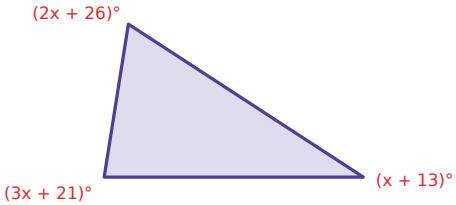


Find the value of x.

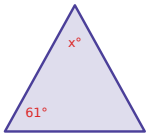


Can a triangle have sides of 3 cm, 5 cm, and 6 cm? Answer Yes or No.

Find the value of x.



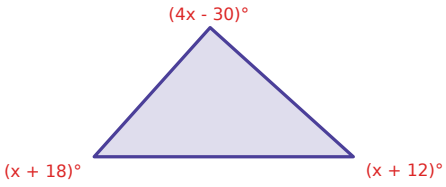
The triangle is isosceles, so its two base angles are equal. Find the value of x.



Can a triangle have sides of 14 cm, 4 cm, and 10 cm? Answer Yes or No.

Two sides of a triangle are 3 m and 13 m. The third side is a whole number of meters. What is the greatest length it could be?

Find the value of x.



Triangle Angle Sum & Side Lengths · 10

ANSWER

87

Triangle Angle Sum & Side Lengths · 9

ANSWER

25

Triangle Angle Sum & Side Lengths · 12

ANSWER

20

Triangle Angle Sum & Side Lengths · 11

ANSWER

Yes

Triangle Angle Sum & Side Lengths · 14

ANSWER

No

Triangle Angle Sum & Side Lengths · 13

ANSWER

58

Triangle Angle Sum & Side Lengths · 16

ANSWER

30

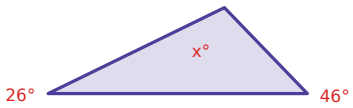
Triangle Angle Sum & Side Lengths · 15

ANSWER

15

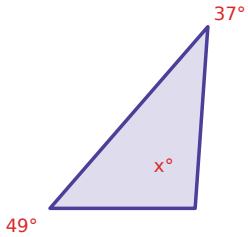
Triangle Angle Sum & Side Lengths · 17

Find the value of x.



Triangle Angle Sum & Side Lengths · 18

Find the value of x.

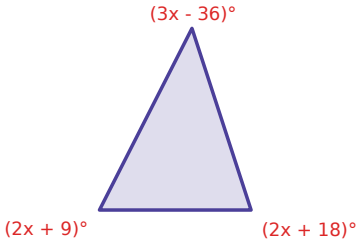


Triangle Angle Sum & Side Lengths · 19

Can a triangle have sides of 17 cm, 9 cm, and 26 cm? Answer Yes or No.

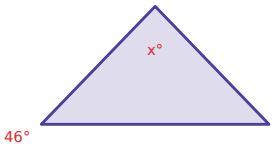
Triangle Angle Sum & Side Lengths · 20

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

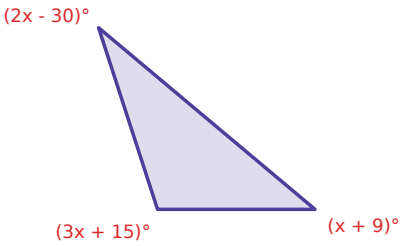
Can a triangle have sides of 13 cm, 5 cm, and 8 cm? Answer Yes or No.

Triangle Angle Sum & Side Lengths · 23

Two sides of a triangle are 16 m and 20 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

94

Triangle Angle Sum & Side Lengths · 17

ANSWER

108

Triangle Angle Sum & Side Lengths · 20

ANSWER

27

Triangle Angle Sum & Side Lengths · 19

ANSWER

No

Triangle Angle Sum & Side Lengths · 22

ANSWER

No

Triangle Angle Sum & Side Lengths · 21

ANSWER

88

Triangle Angle Sum & Side Lengths · 24

ANSWER

31

Triangle Angle Sum & Side Lengths · 23

ANSWER

35