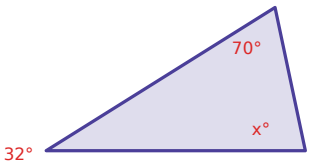
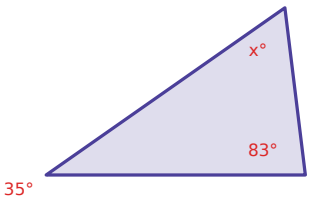
Triangle Angle Sum & Side Lengths · 1

Find the value of x.



Triangle Angle Sum & Side Lengths · 2

Find the value of x.

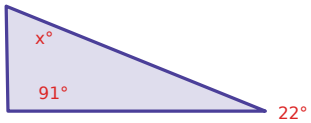


Triangle Angle Sum & Side Lengths · 3

Can a triangle have sides of 8 cm, 4 cm, and 17 cm? Answer Yes or No.

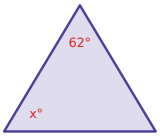
Triangle Angle Sum & Side Lengths · 4

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

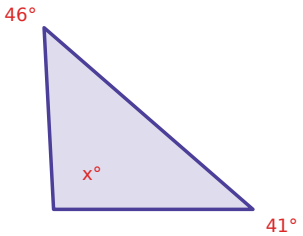
Can a triangle have sides of 5 cm, 5 cm, and 8 cm? Answer Yes or No.

Triangle Angle Sum & Side Lengths · 7

Can a triangle have sides of 5 cm, 6 cm, and 16 cm? Answer Yes or No.

Triangle Angle Sum & Side Lengths · 8

Find the value of x.



Triangle Angle Sum & Side Lengths · 2

ANSWER

62

Triangle Angle Sum & Side Lengths · 1

ANSWER

78

Triangle Angle Sum & Side Lengths · 4

ANSWER

67

Triangle Angle Sum & Side Lengths · 3

ANSWER

No

Triangle Angle Sum & Side Lengths · 6

ANSWER

Yes

Triangle Angle Sum & Side Lengths · 5

ANSWER

59

Triangle Angle Sum & Side Lengths · 8

ANSWER

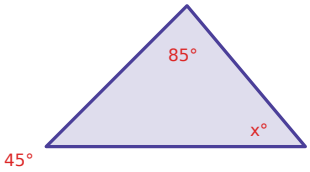
93

Triangle Angle Sum & Side Lengths · 7

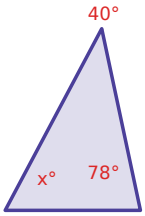
ANSWER

No

Find the value of x.

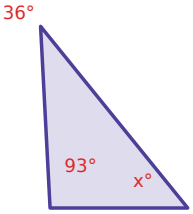


Find the value of x.



Can a triangle have sides of 17 cm, 6 cm, and 7 cm? Answer Yes or No.

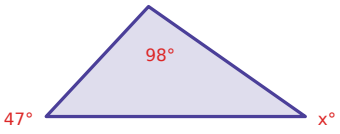
Find the value of x.



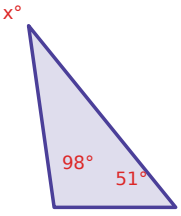
Can a triangle have sides of 5 cm, 13 cm, and 7 cm? Answer Yes or No.

Two sides of a triangle are 6 m and 3 m. The third side is a whole number of meters. What is the greatest length it could be?

Find the value of x.



Find the value of x.



Triangle Angle Sum & Side Lengths · 10

ANSWER

62

Triangle Angle Sum & Side Lengths · 9

ANSWER

50

Triangle Angle Sum & Side Lengths · 12

ANSWER

51

Triangle Angle Sum & Side Lengths · 11

ANSWER

No

Triangle Angle Sum & Side Lengths · 14

ANSWER

8

Triangle Angle Sum & Side Lengths · 13

ANSWER

No

Triangle Angle Sum & Side Lengths · 16

ANSWER

31

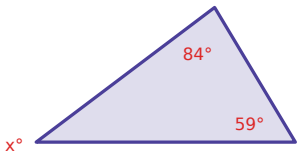
Triangle Angle Sum & Side Lengths · 15

ANSWER

35

Triangle Angle Sum & Side Lengths · 17

Find the value of x.

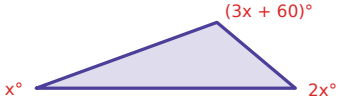


Triangle Angle Sum & Side Lengths · 18

Can a triangle have sides of 12 cm, 10 cm, and 22 cm? Answer Yes or No.

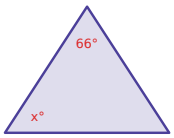
Triangle Angle Sum & Side Lengths · 19

Find the value of x.



Triangle Angle Sum & Side Lengths · 20

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



Triangle Angle Sum & Side Lengths · 21

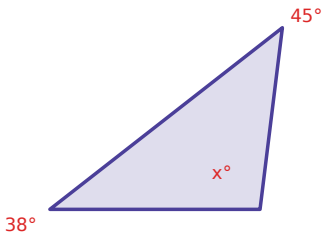
Can a triangle have sides of 15 cm, 4 cm, and 11 cm? Answer Yes or No.

Triangle Angle Sum & Side Lengths · 22

Two sides of a triangle are 5 m and 7 m. The third side is a whole number of meters. What is the greatest length it could be?

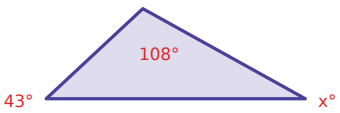
Triangle Angle Sum & Side Lengths · 23

Find the value of x.



Triangle Angle Sum & Side Lengths · 24

Find the value of x.



Triangle Angle Sum & Side Lengths · 18

ANSWER

No

Triangle Angle Sum & Side Lengths · 17

ANSWER

37

Triangle Angle Sum & Side Lengths · 20

ANSWER

57

Triangle Angle Sum & Side Lengths · 19

ANSWER

20

Triangle Angle Sum & Side Lengths · 22

ANSWER

11

Triangle Angle Sum & Side Lengths · 21

ANSWER

No

Triangle Angle Sum & Side Lengths · 24

ANSWER

29

Triangle Angle Sum & Side Lengths · 23

ANSWER

97