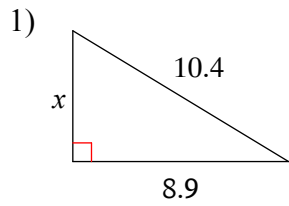
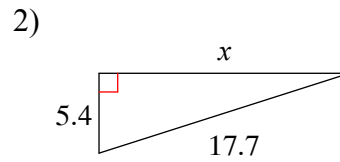


BANK OF QUESTIONS

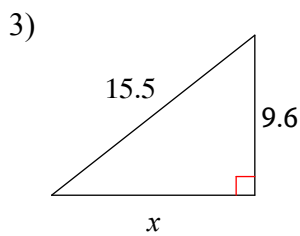
Find the missing side of each triangle. Round your answers to the nearest tenth if necessary.



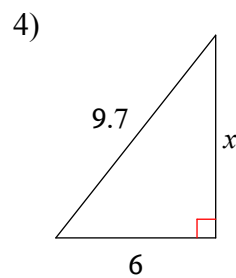
- A) 7.1 B) 11.7
C) 5.4 D) 13.7



- A) 16 B) 18.5
C) 24.5 D) 16.9

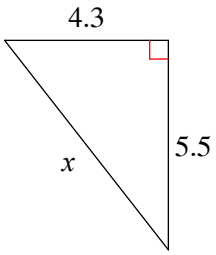


- A) 12.2 B) 19.7
C) 18.2 D) 7.5



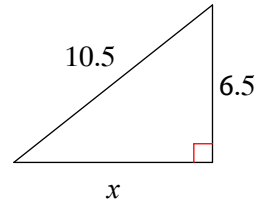
- A) 7.6 B) 12.3
C) 4.7 D) 11.4

5)



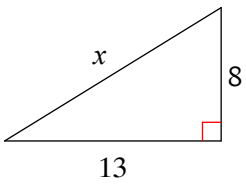
- A) 8.2 B) 3.4
C) 7 D) 8.9

6)



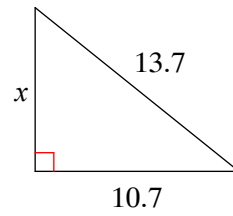
- A) 8.2 B) 13.3
C) 12.3 D) 5

7)



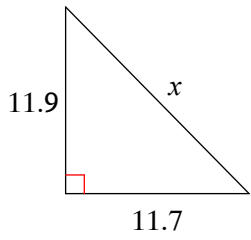
- A) 10.2 B) 17.3
C) 15.3 D) 20.1

8)



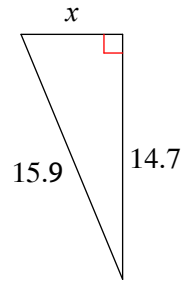
- A) 6.4 B) 8.6
C) 16.2 D) 17.4

9)



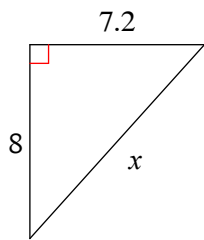
- A) 16.7
- B) 20.5
- C) 20.4
- D) 2.2

10)



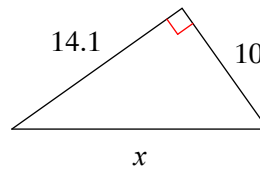
- A) 13.4
- B) 21.7
- C) 6.1
- D) 17

11)



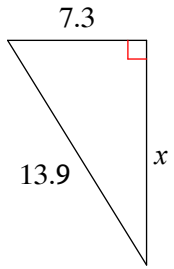
- A) 3.5
- B) 10.8
- C) 13.4
- D) 13

12)



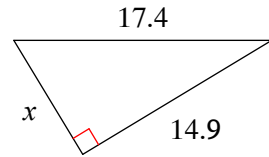
- A) 22.3
- B) 17.3
- C) 9.9
- D) 20

13)



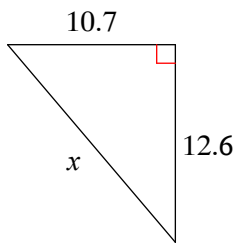
- A) 9.3
- B) 15.7
- C) 11.8
- D) 18.2

14)



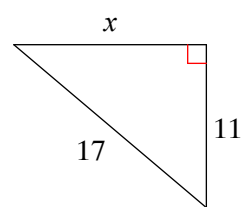
- A) 19.6
- B) 22.9
- C) 11.9
- D) 9

15)



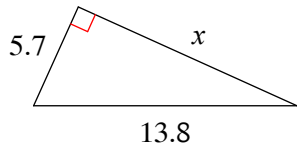
- A) 19.7
- B) 6.7
- C) 16.5
- D) 20.8

16)



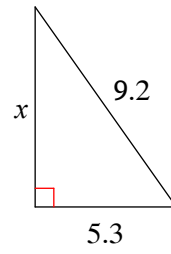
- A) 6.9
- B) 13
- C) 21.4
- D) 20.2

17)



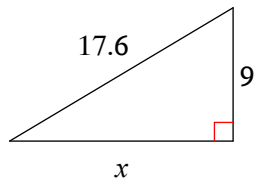
- A) 12.6 B) 18.7
C) 11.2 D) 14.9

18)



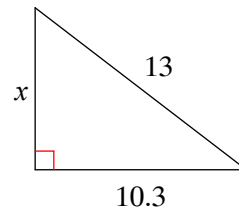
- A) 5.3 B) 11.9
C) 7.5 D) 10.6

19)



- A) 23.2 B) 12.1
C) 19.8 D) 15.1

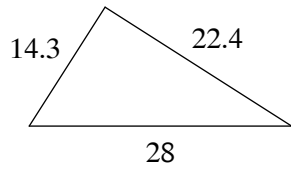
20)



- A) 16.6 B) 6.6
C) 15.2 D) 7.9

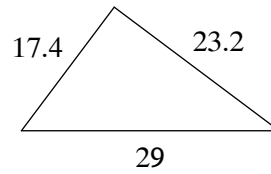
State if each triangle is a right triangle.

21)



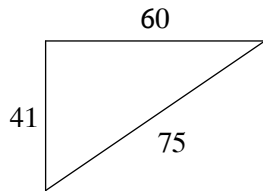
A) No B) Yes

22)



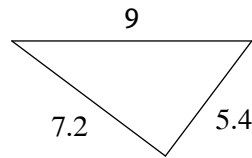
A) Yes B) No

23)



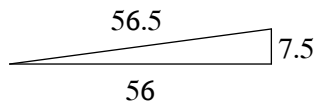
A) Yes B) No

24)



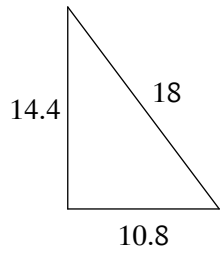
A) No B) Yes

25)



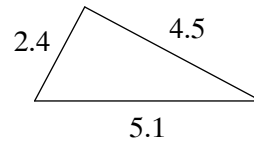
A) Yes B) No

26)



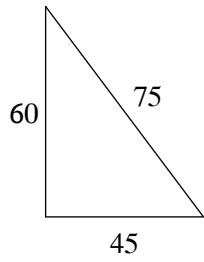
A) Yes B) No

27)



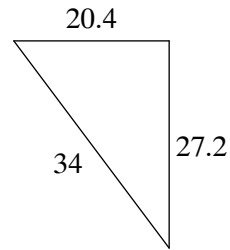
A) No B) Yes

28)



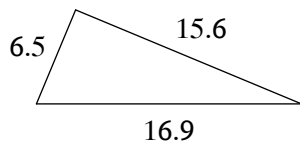
A) Yes B) No

29)



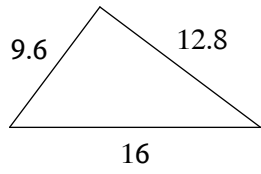
A) Yes B) No

30)



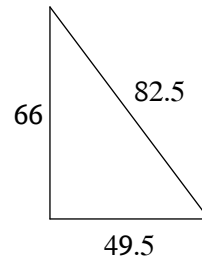
A) Yes B) No

31)



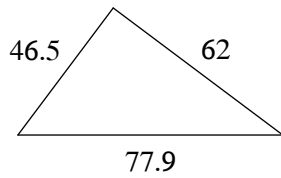
A) No B) Yes

32)



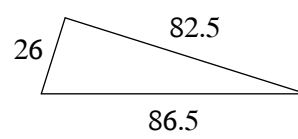
A) No B) Yes

33)



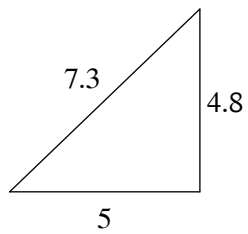
A) Yes B) No

34)



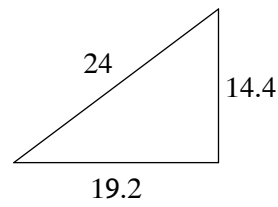
A) No B) Yes

35)



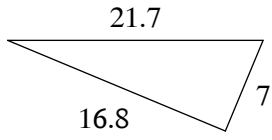
A) No B) Yes

36)



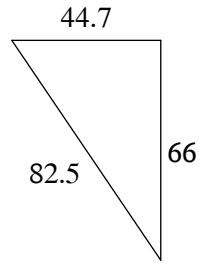
A) No B) Yes

37)



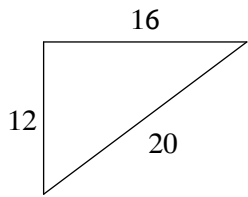
A) No B) Yes

38)



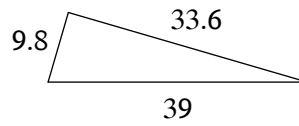
A) Yes B) No

39)



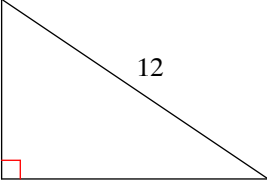
A) Yes B) No

40)

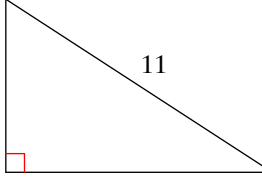


A) No B) Yes

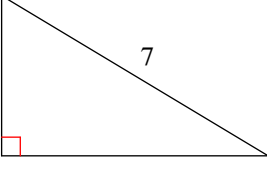
CHALLENGE: Find the area of each triangle. As you work, round values to the nearest tenth. Use the rounded values to calculate the next value. Round your final answer to the nearest tenth.

41)  A right triangle with a vertical leg, a horizontal leg of length 10, and a hypotenuse of length 12. A right angle symbol is at the bottom-left vertex.

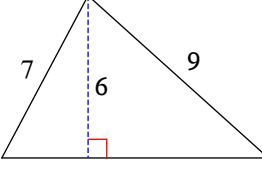
A) 39.6 B) 45.2
C) 33 D) 25.1

42)  A right triangle with a vertical leg of length 6, a horizontal leg, and a hypotenuse of length 11. A right angle symbol is at the bottom-left vertex.

A) 37.5 B) 37.9
C) 27.6 D) 33

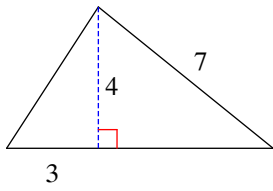
43)  A right triangle with a vertical leg, a horizontal leg of length 6, and a hypotenuse of length 7. A right angle symbol is at the bottom-left vertex.

A) 12.4 B) 10.8
C) 14.2 D) 12.6

44)  A triangle with a horizontal base, a left side of length 7, and a right side of length 9. A dashed blue vertical line from the top vertex to the base represents an altitude of length 6. A right angle symbol is at the base of the altitude.

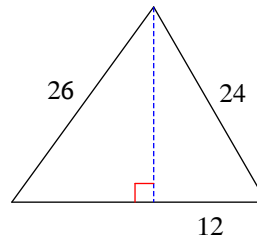
A) 23.3 B) 27.3
C) 30.9 D) 21.6

45)



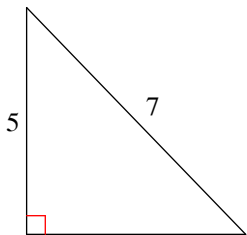
- A) 16.1 B) 23.8
C) 17.4 D) 16.9

46)



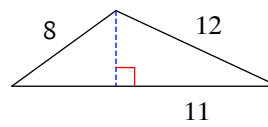
- A) 287 B) 299.7
C) 309.9 D) 181.7

47)

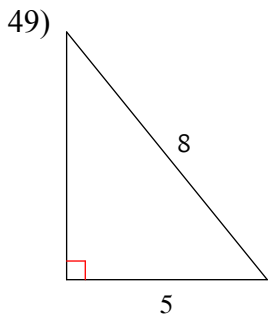


- A) 12.3 B) 14.5
C) 17.5 D) 21.5

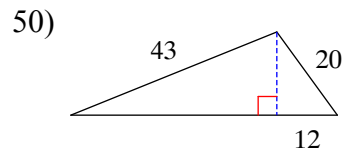
48)



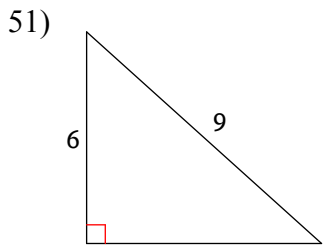
- A) 44.7 B) 34.7
C) 30.7 D) 41.8



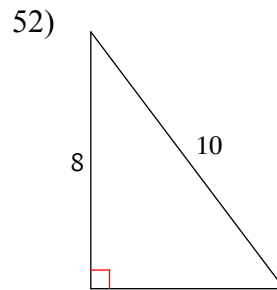
- A) 16.1 B) 15.5
C) 31.3 D) 24.8



- A) 319.2 B) 415.2
C) 381.8 D) 525.3

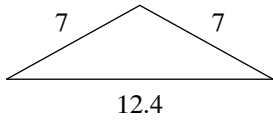


- A) 20.1 B) 21.7
C) 32.4 D) 27



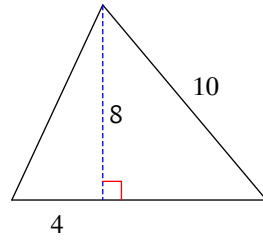
- A) 40 B) 51.2
C) 24 D) 16.9

53)



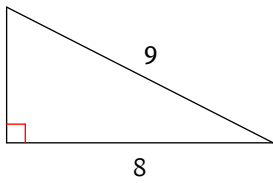
- A) 19.8 B) 58.3
C) 39.7 D) 12.7

54)



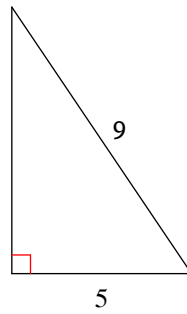
- A) 45.4 B) 41.3
C) 40 D) 43.7

55)



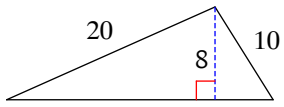
- A) 18.4 B) 20.2
C) 16.4 D) 20.3

56)



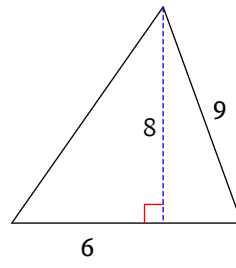
- A) 43.9 B) 16.7
C) 33.8 D) 18.8

57)



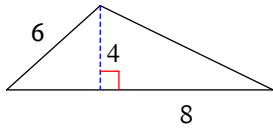
- A) 97.2
- B) 118.6
- C) 105.1
- D) 104.1

58)



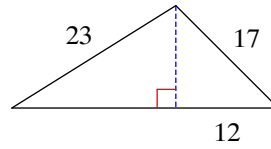
- A) 30
- B) 25.5
- C) 54.8
- D) 40.4

59)



- A) 16.2
- B) 25
- C) 25.6
- D) 30.5

60)



- A) 227.9
- B) 231.9
- C) 235.1
- D) 189.6