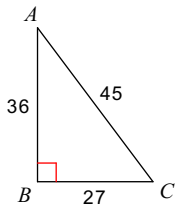
Trigonometría Nombre: _____ ID: 1

Proyecto Especial #1

Fecha:_____ Period____

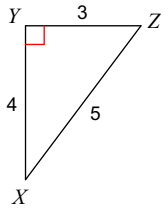
Find the value of each trigonometric ratio.Encuentre el valor de cada razón trigonométrica.

1) cos A

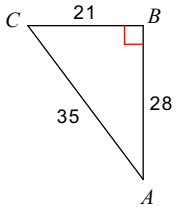


2) cos Z

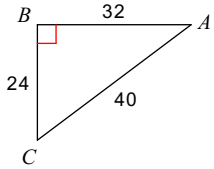
3) sin X



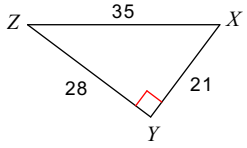
4) tan C



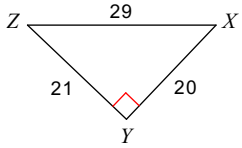
5) tan C



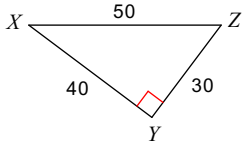
6) sin Z



7) sin X



8) cos X



Find the value of each trigonometric ratio to the nearest ten-thousandth.

9) tan 58°

10) cos 47°

11) sin 30°

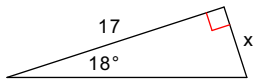
12) cos 21°

13) tan 28°

14) tan 66°

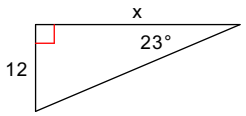
Find the missing side. Round to the nearest tenth. Encuentre la medida del lado que falta y redondea tu respuesta.

15)



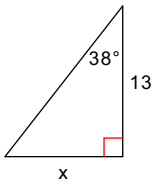
A) 3.0 B) 5.5
C) 5.7 D) 52.3

16)



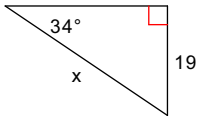
A) 28.3 B) 34.7
C) 40.8 D) 5.1

17)



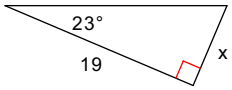
A) 16.6 B) 7.4
C) 10.9 D) 10.2

18)



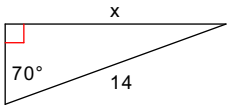
A) 10.6 B) 34.0
C) 35.3 D) 32.8

19)



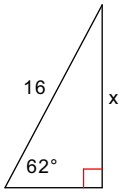
A) 44.8 B) 7.3
C) 47.0 D) 8.1

20)



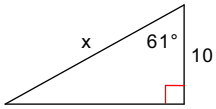
A) 17.7 B) 14.9
C) 13.2 D) 15.8

21)



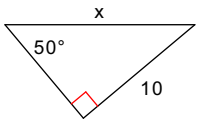
A) 12.2 B) 18.1
C) 27.2 D) 14.1

22)



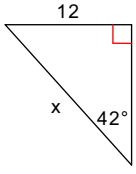
A) 4.8 B) 20.8
C) 20.6 D) 13.5

23)



A) 7.7 B) 15.7
C) 19.4 D) 13.1

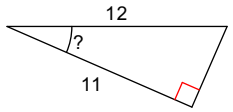
24)



A) 9.6 B) 25.9
C) 8.0 D) 17.9

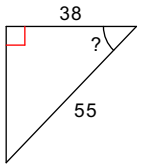
Find the measure of the indicated angle to the nearest degree. Encuentre la medida del ángulo indicado y redondea el resultado al grado más cercano

25)



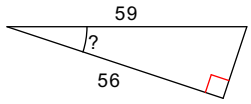
A) 47° B) 66°
C) 43° D) 24°

26)



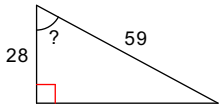
A) 46° B) 55°
C) 44° D) 35°

27)



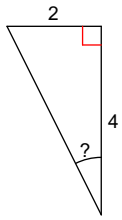
A) 10° B) 72°
C) 18° D) 46°

28)



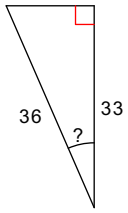
A) 62° B) 28°
C) 25° D) 65°

29)



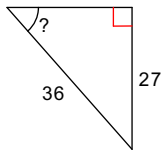
A) 63° B) 27°
C) 30° D) 60°

30)



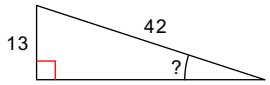
A) 66° B) 47°
C) 43° D) 24°

31)



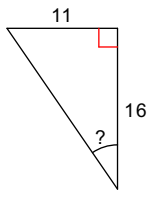
A) 37° B) 41°
C) 53° D) 49°

32)



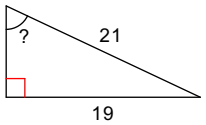
A) 72° B) 73°
C) 18° D) 17°

33)



A) 35° B) 58°
C) 43° D) 55°

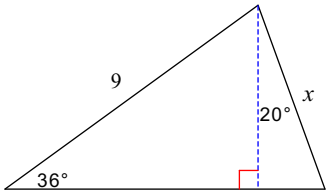
34)



A) 48° B) 42°
C) 65° D) 25°

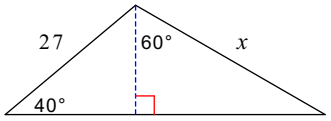
Find the length of the side labeled *x*. Round intermediate values to the nearest tenth. Use the rounded values to calculate the next value. Round your final answer to the nearest tenth.

35)



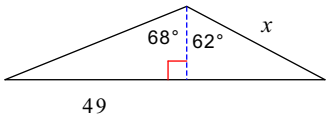
A) 5.6 B) 6.3
C) 5.3 D) 4.2

36)



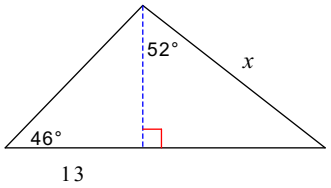
A) 38.8 B) 34.8
C) 27.3 D) 32.2

37)



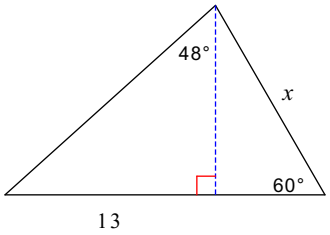
A) 44.4 B) 42.2
C) 54.2 D) 45.7

38)



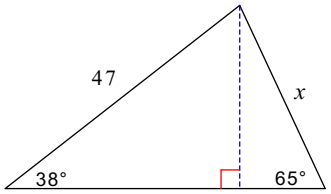
A) 21.9 B) 16.8
C) 16.5 D) 25.8

39)



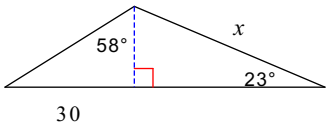
A) 13.5 B) 13.2
C) 10 D) 10.9

40)



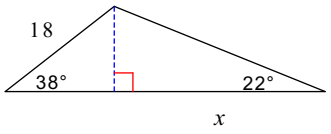
A) 35.8 B) 36.7
C) 31.9 D) 28.8

41)



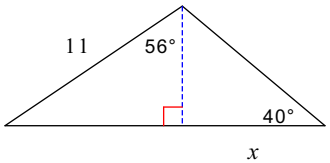
A) 37.6 B) 63.4
C) 47.9 D) 62.7

42)



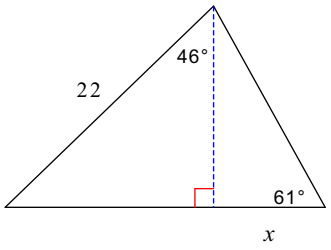
A) 33.9 B) 27.5
C) 26 D) 22.7

43)



A) 8.1 B) 5.8
C) 7.7 D) 7.4

44)



A) 7.3 B) 8.5
C) 6.2 D) 10.9