

Trabajo Especial #5

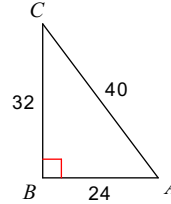
Find the value of each trigonometric ratio. Encuentre el valor de cada razón trigonométrica.

1) $\cos C$



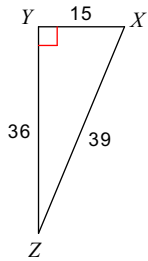
- A) $\frac{40}{41}$ B) $\frac{41}{40}$
 C) $\frac{40}{9}$ D) $\frac{9}{41}$

2) $\sin C$



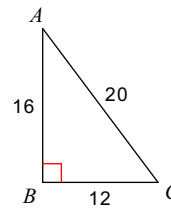
- A) $\frac{4}{3}$ B) $\frac{3}{5}$
 C) $\frac{4}{5}$ D) $\frac{5}{3}$

3) $\tan Z$



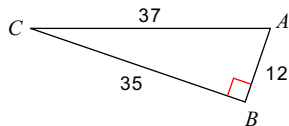
- A) $\frac{5}{13}$ B) $\frac{13}{5}$
 C) $\frac{5}{12}$ D) $\frac{12}{13}$

4) $\tan C$



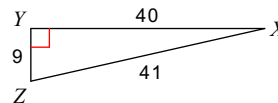
- A) $\frac{4}{3}$ B) $\frac{4}{5}$
 C) $\frac{3}{5}$ D) $\frac{3}{4}$

5) $\tan C$



- A) $\frac{12}{35}$ B) $\frac{35}{12}$
 C) $\frac{12}{37}$ D) $\frac{35}{37}$

6) $\tan Z$



- A) $\frac{9}{40}$ B) $\frac{9}{41}$
 C) $\frac{41}{9}$ D) $\frac{40}{9}$

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

7) $\sin 52^\circ$

8) $\tan 68^\circ$

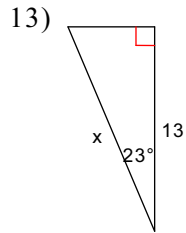
9) $\cos 56^\circ$

10) $\sin 9^\circ$

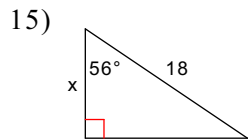
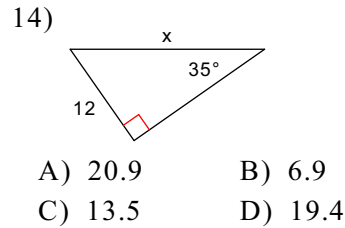
11) $\tan 72^\circ$

12) $\tan 53^\circ$

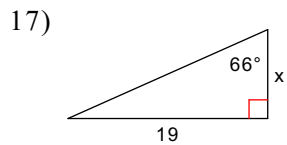
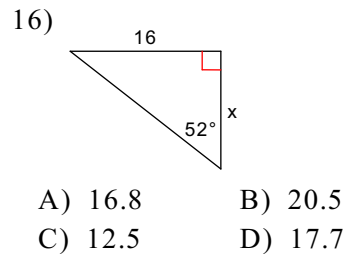
Find the missing side. Round to the nearest tenth. Encuentre la medida del lado que falta y redondea tu respuesta.



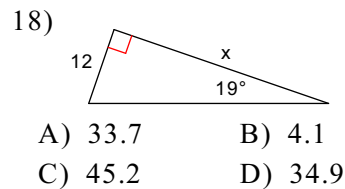
- A) 14.1 B) 18.1
C) 12.0 D) 16.9



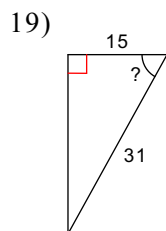
- A) 29.9 B) 10.1
C) 32.2 D) 11.7



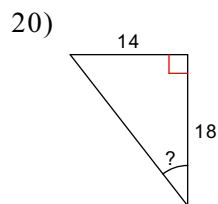
- A) 42.7 B) 9.8
C) 8.5 D) 11.0



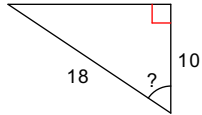
Find the measure of the indicated angle to the nearest degree. Encuentre la medida del ángulo indicado y redondea el resultado al grado más cercano

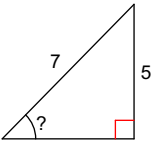


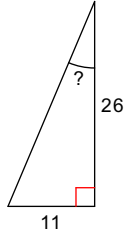
- A) 64° B) 26°
C) 61° D) 29°

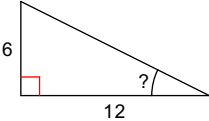


- A) 52° B) 51°
C) 38° D) 68°

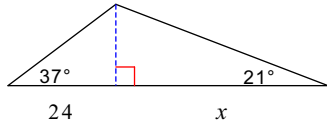
- 21) 
 A) 29° B) 34°
 C) 61° D) 56°

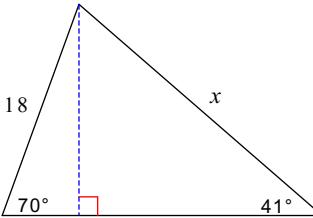
- 22) 
 A) 20° B) 46°
 C) 54° D) 36°

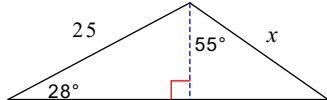
- 23) 
 A) 65° B) 25°
 C) 67° D) 23°

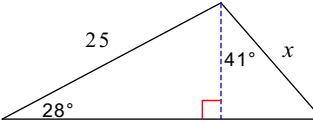
- 24) 
 A) 63° B) 27°
 C) 21° D) 30°

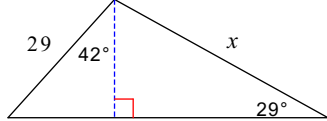
Find the length of the side labeled x . Round intermediate values to the nearest tenth. Use the rounded values to calculate the next value. Round your final answer to the nearest tenth.

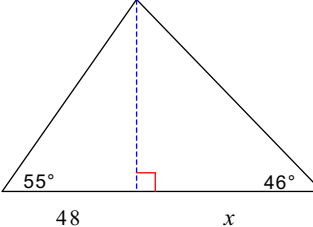
- 25) 
 A) 47.2 B) 43.7
 C) 45.7 D) 64

- 26) 
 A) 25.8 B) 31.8
 C) 29.3 D) 30.1

- 27) 
 A) 24.4 B) 17.3
 C) 18.8 D) 20.4

- 28) 
 A) 11.5 B) 18.2
 C) 15.5 D) 14

- 29) 
 A) 56.9 B) 53.7
 C) 44.6 D) 37

- 30) 
 A) 90.9 B) 63.9
 C) 66.2 D) 81.6

Trabajo Especial #5

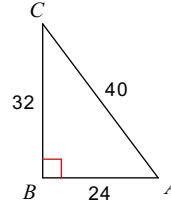
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1) $\cos C$



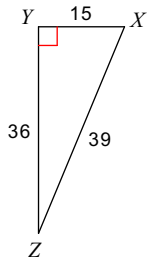
- A) $\frac{40}{41}$ B) $\frac{41}{40}$
 C) $\frac{40}{9}$ *D) $\frac{9}{41}$

2) $\sin C$



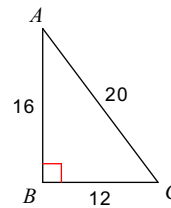
- A) $\frac{4}{3}$ *B) $\frac{3}{5}$
 C) $\frac{4}{5}$ D) $\frac{5}{3}$

3) $\tan Z$



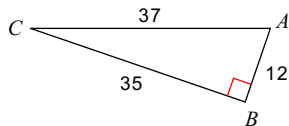
- A) $\frac{5}{13}$ B) $\frac{13}{5}$
 *C) $\frac{5}{12}$ D) $\frac{12}{13}$

4) $\tan C$



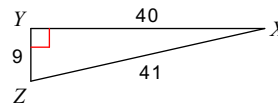
- *A) $\frac{4}{3}$ B) $\frac{4}{5}$
 C) $\frac{3}{5}$ D) $\frac{3}{4}$

5) $\tan C$



- *A) $\frac{12}{35}$ B) $\frac{35}{12}$
 C) $\frac{12}{37}$ D) $\frac{35}{37}$

6) $\tan Z$



- A) $\frac{9}{40}$ B) $\frac{9}{41}$
 C) $\frac{41}{9}$ *D) $\frac{40}{9}$

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

7) $\sin 52^\circ$

0.7880

8) $\tan 68^\circ$

2.4751

9) $\cos 56^\circ$

0.5592

10) $\sin 9^\circ$

0.1564

11) $\tan 72^\circ$

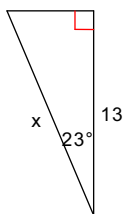
3.0777

12) $\tan 53^\circ$

1.3270

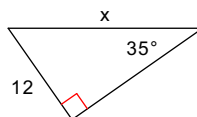
Find the missing side. Round to the nearest tenth. Encuentre la medida del lado que falta y redondea tu respuesta.

13)



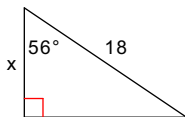
- *A) 14.1
- B) 18.1
- C) 12.0
- D) 16.9

14)



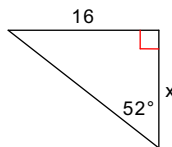
- *A) 20.9
- B) 6.9
- C) 13.5
- D) 19.4

15)



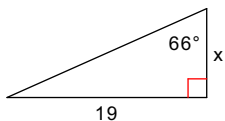
- A) 29.9
- *B) 10.1
- C) 32.2
- D) 11.7

16)



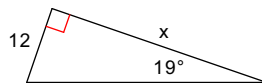
- A) 16.8
- B) 20.5
- *C) 12.5
- D) 17.7

17)



- A) 42.7
- B) 9.8
- *C) 8.5
- D) 11.0

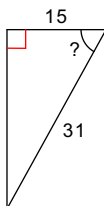
18)



- A) 33.7
- B) 4.1
- C) 45.2
- *D) 34.9

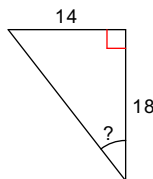
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19)

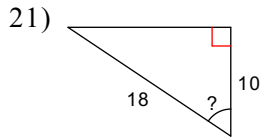


- A) 64°
- B) 26°
- *C) 61°
- D) 29°

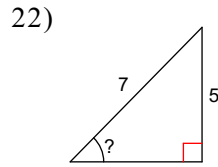
20)



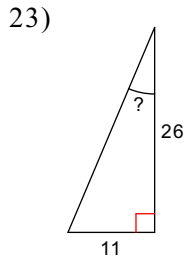
- A) 52°
- B) 51°
- *C) 38°
- D) 68°



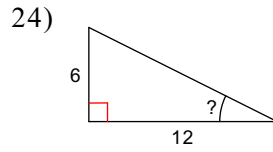
- A) 29° B) 34°
 C) 61° *D) 56°



- A) 20° *B) 46°
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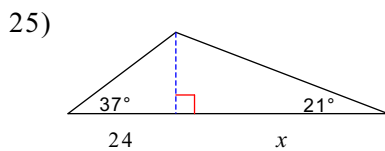


- A) 65° B) 25°
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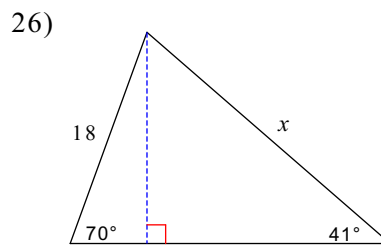


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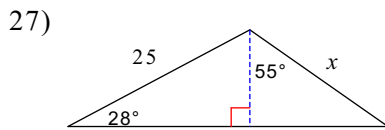
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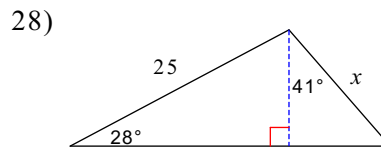
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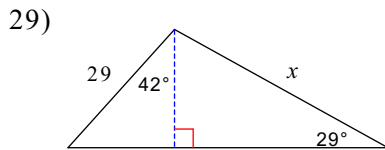
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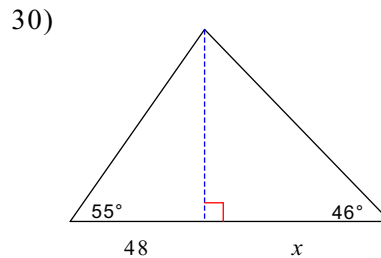
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- A) 11.5 B) 18.2
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- A) 56.9 B) 53.7
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- A) 90.9 B) 63.9
 *C) 66.2 D) 81.6