



Trigonometry

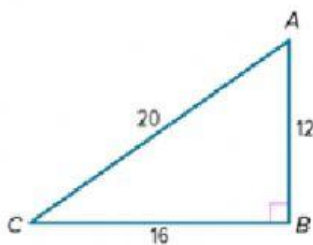


GAMING A new augmented reality game has players running through a cityscape looking for hidden equations to solve for points. To find the quickest path to the next hidden equation, select the value of x .

- ☐ A 396.59 ft
- ☐ B 430.84 ft
- ☐ C 934.31 ft
- ☐ D 2391.19 ft



fraction



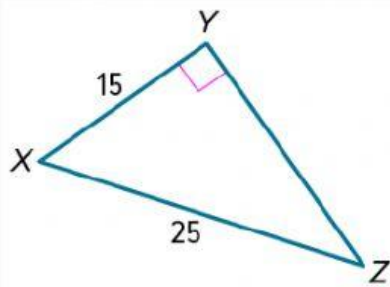
use n/m

sin A	cos A	tan A	sin C	cos C	tan C

EXERCISE Mao changes the incline angle on his treadmill from 0° to 5° . If the walking surface of the treadmill is 5 feet long, how many inches did Mao raise the end of the treadmill from the floor to the nearest tenth of an inch?

in.

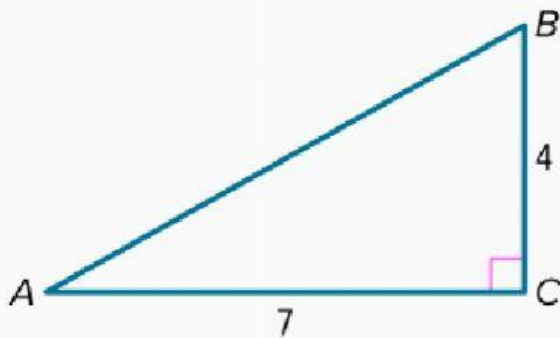
عزيزي الطالب : أولاً اجتهد في فهم ومذاكرة تمارين الكتاب (الكتاب أولاً) . تلميذاتي للجميع بالتفوق



Use a calculator to find $m\angle Z$ to the nearest tenth.

- ☐ A 31.0°
- ☐ B 36.9°
- ☐ C 53.1°
- ☐ D 59.0°

Solve the right triangle. Round side and angle measures to the nearest tenth.

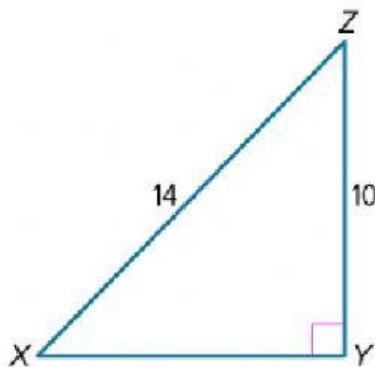


$m\angle A \approx$

$m\angle B \approx$

$AB \approx$

Use a calculator to find $m\angle Z$ to the nearest tenth.

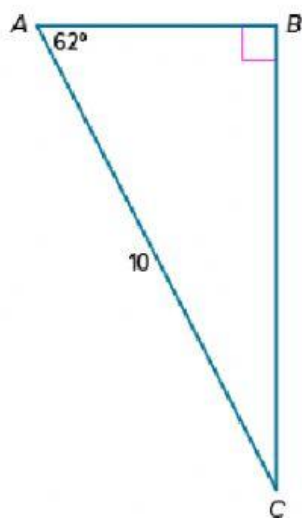


$m\angle Z \approx$

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Solve the right triangle. Round side and angle measures to the nearest tenth, if necessary.



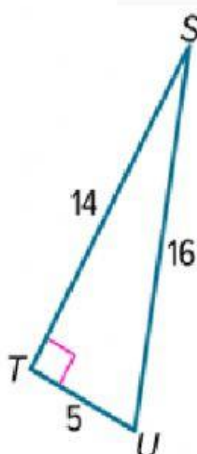
$$m\angle C \approx \boxed{}^\circ$$

$$AB \approx \boxed{}$$

$$BC \approx \boxed{}$$

Drag the values to express each ratio as a fraction

	Fraction
$\sin S$	
$\cos S$	
$\tan S$	
$\sin U$	
$\cos U$	
$\tan U$	



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