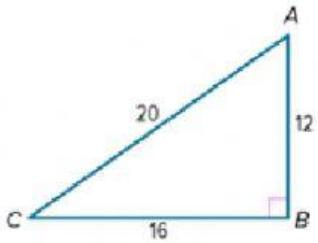
Trigonometry

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

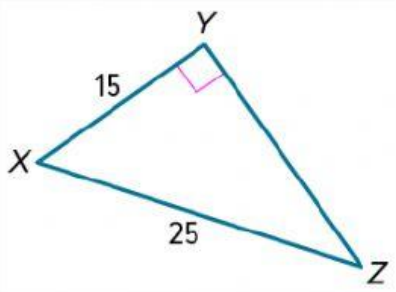
sin A	cos A	tan A	sin C	cos C	tan C

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). تمنياتي للجميع بالنجاح والتفوق

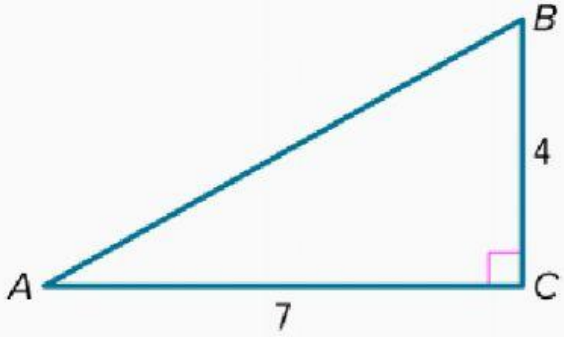
LIVEWORKSHEETS



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.

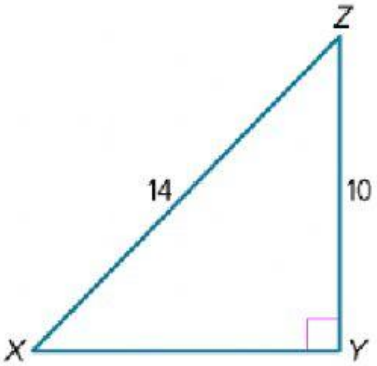


$m\angle A \approx$ ____ °

$m\angle B \approx$ ____ °

$AB \approx$ ____

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



$m\angle Z \approx$ ____ °

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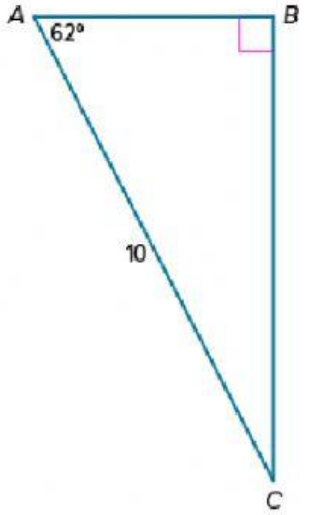
LIVEWORKSHEETS

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



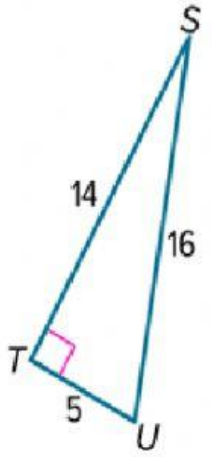
$m\angle C \approx$ _____ °

$AB \approx$ _____

$BC \approx$ _____

Drag the values to express each ratio as a fraction

	Fraction
sin *S*	
cos *S*	
tan *S*	
sin *U*	
cos *U*	
tan *U*	



LIVEWORKSHEETS