

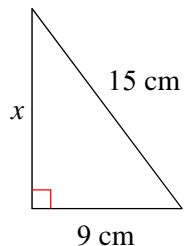
Chapter 10 Practice Test

Date _____ Period _____

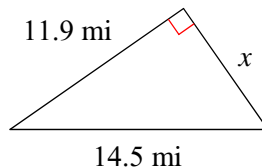
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Find the missing side of each triangle. Round your answers to the nearest tenth if necessary.

1)



2)

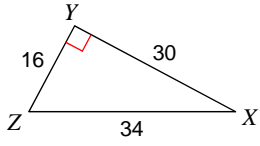
**State if the three sides lengths form a right triangle.**

3) 9 mi, 14 mi, 15 mi

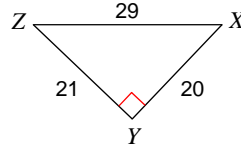
4) 5 in, 12 in, 13 in

Find the distance between each pair of points.5) $(-5, -8)$, $(-4, 1)$ 6) $(-2, -3)$, $(-7, 1)$ **Find the midpoint of the line segment with the given endpoints.**7) $(9, 3)$, $(-5, -1)$ 8) $(-8, -9)$, $(10, 9)$ **Find the value of each trigonometric ratio to the nearest ten-thousandth.**9) $\tan 21^\circ$ 10) $\sin 63^\circ$ 11) $\tan 73^\circ$ 12) $\tan 52^\circ$

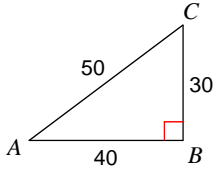
13) $\sin X$



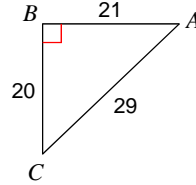
14) $\sin X$



15) $\sin C$

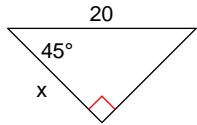


16) $\cos A$

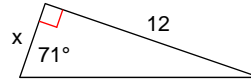


Find the missing side. Round to the nearest tenth.

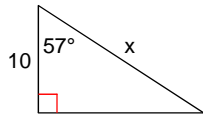
17)



18)



19)



20)

