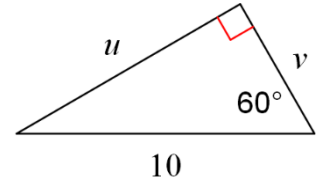


SRT-C6a

Practice Assessment

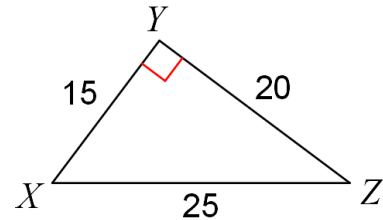
1. Find the lengths of the sides marked u and v .



2. Find the perimeter of a square whose diagonal measures $3\sqrt{2}$ cm.

SRT-C6b: Refer to the diagram for 3 and 4.

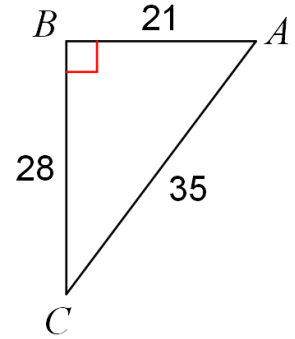
3. What is $\cos Z$? Give your answer in reduced form.



4. Find the measure of angle Z using inverse trigonometry.

SRT-C7: Refer to the diagram.

5. If $\sin C = \frac{21}{35}$, what is $\cos A$? Give both the numerical answer and a written explanation.



SRT-C8:

6. The figure below represents a side-view of a skateboard ramp 12 inches high with a 16° incline. Find the perimeter of the figure to two decimal places of accuracy.

