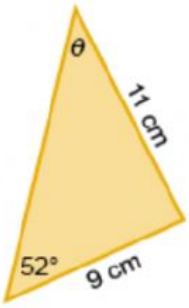
G10. Warming Up Activity 7

1.



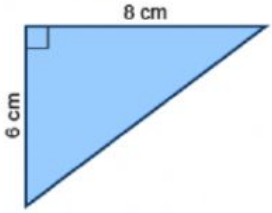
Calculate the size of angle θ to the nearest degree.

Angle θ = ____ ° (to nearest degree)

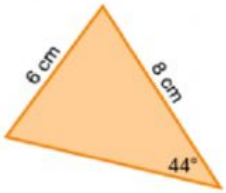
2.

Select the triangle where it would be best to use the cosine rule.

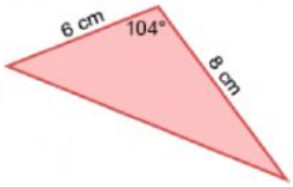
a. ○



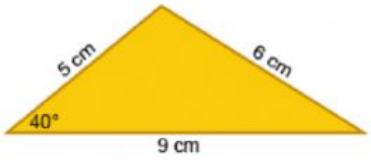
b. ○



c. ○



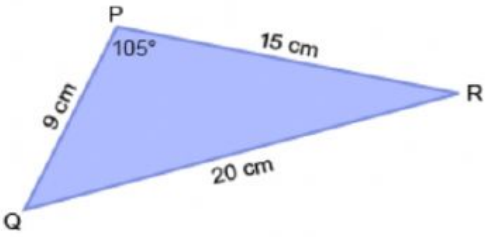
3.



What is the area of this triangle, correct to one decimal place?

Area of triangle = ____ cm^2 (to 1 decimal place)

4.



The correct working to find the area for this triangle is:

a. ○ Area = $\frac{1}{2} \times 9 \times 15 \times \sin 105°$

b. ○ Area = $\frac{1}{2} \times 9 \times 20 \times \sin 105°$

c. ○ Area = $\frac{1}{2} \times 15 \times 20 \times \sin 105°$

LIVEWORKSHEETS

LIVEWORKSHEETS