Learning
Objective:

To: Use SOHCAHTOA to find Missing Sides

Date:

Do NOW Activity:

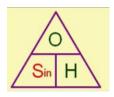
- 1 Work out $\frac{5}{6} \div \frac{5}{9}$
- 2 Work out 0.25²
- 3 Evaluate 10⁵
- 4 **Expand** x(xy 5)
- 5 **Express** the speed 15 m per second as km per hour

PRIOR KNOWLEDGE CHECK:

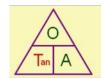
1. I can identify and use the correct trigonometric ratio.

THE MAIN EVENT

FACTS





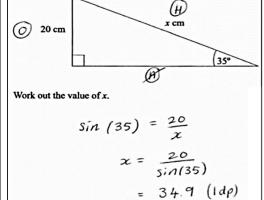


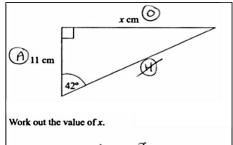
SINE

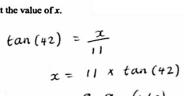
COSINE

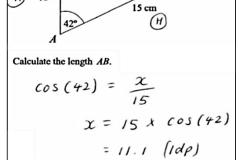
TANGENT

EXAMPLE #1:



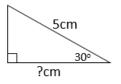




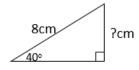


PRACTICE #1:

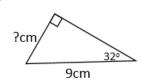
1.



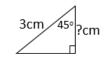
2.



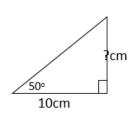
3.



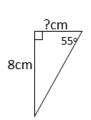
4.



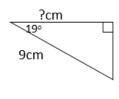
5.

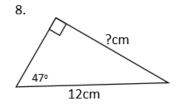


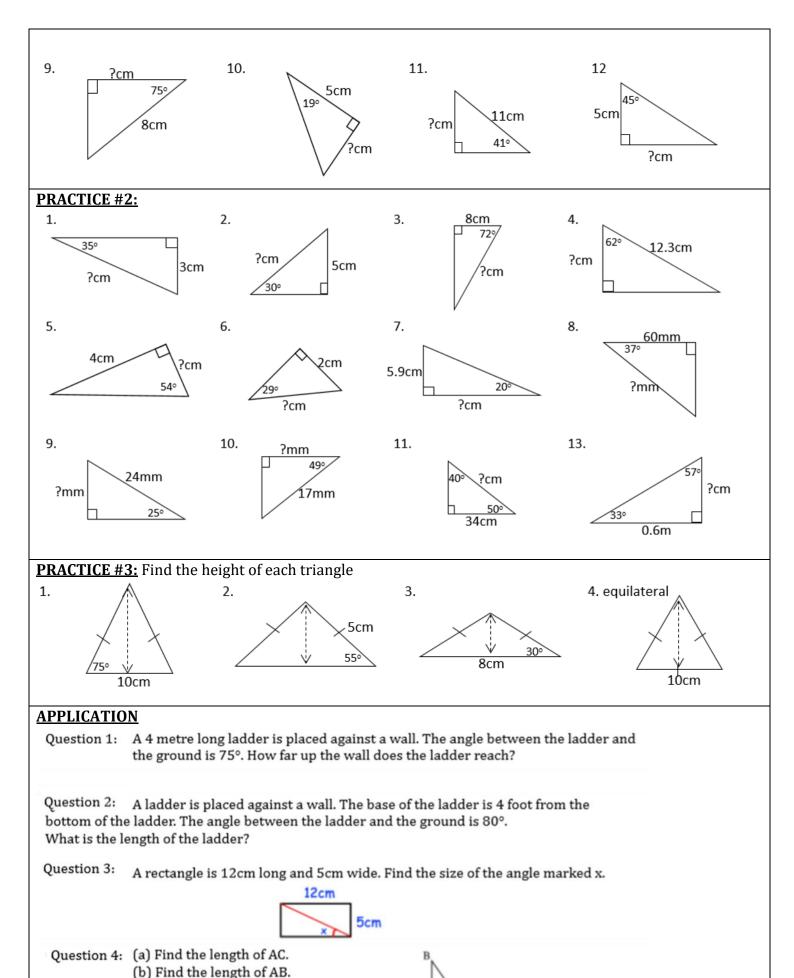
6



7.







12cm

 c^{\Box}

(c) Find the perimeter of triangle ABC.(d) Find the area of triangle ABC.