Name: _____ Nos: ___ Grade: ___ LESSON QUIZ

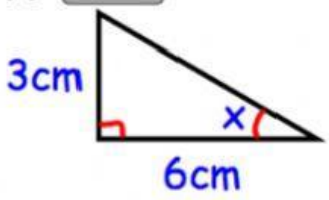
Trigonometric Ratios: *Learn to compute Trigonometric ratios.* G9

Guidance 1. Read each question carefully before you begin answering it.

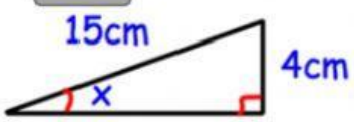
2. Check your answers seem right from the table given. 3. Always show your workings.

Question 1: Find the size of the missing angles in the triangles below.

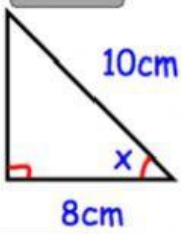
(a)



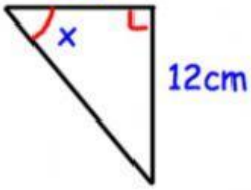
(b)



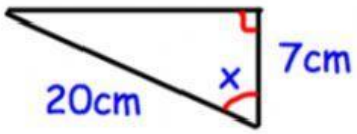
(c)



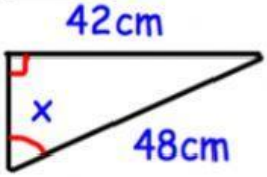
(d)



(e)

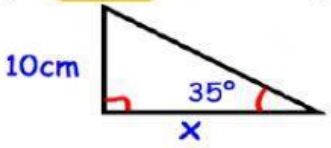


(f)

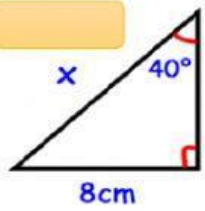


Question 2: Find the lengths of the sides labelled x below.

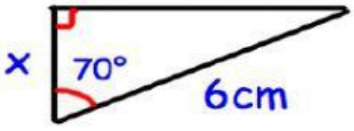
(a)



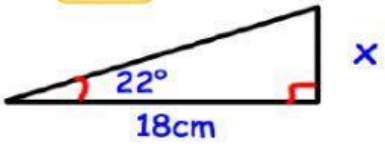
(b)



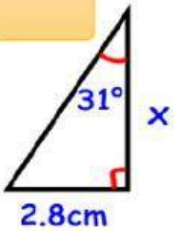
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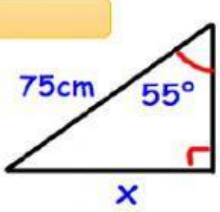
(d)



(e)



(f)



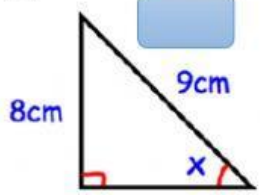
Drag your answers rightfully for questions 1 - 2 from the table below:

53.13^0	14.28cm	7.2725cm	4.6589cm	15.47^0	2.0521cm
61.44cm	26.57^0	12.45cm	69.51^0	61.04^0	36.87^0

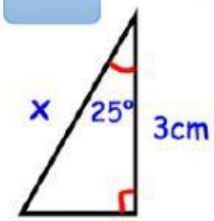
LIVEWORKSHEETS

Question 3: Find the size of the missing angles/sides labelled x below.

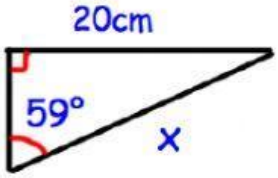
(a)



(b)



(c)

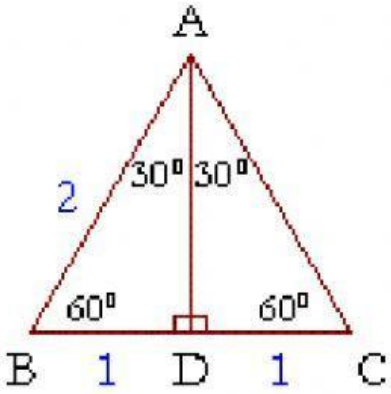


Drag your answers for questions 3 from the table below

Question 4:

Triangle ABC is an equilateral triangle. Find the trigonometric ratios for 30^0 and 60^0.

a. Find the length of AD: Answer: ____



b. sin 30^0 Ans: _____	c. cos 30^0 Ans: _____	d. tan 30^0 Ans: _____
e. sin 60^0 Ans: _____	f. cos 60^0 Ans: ____	g. tan 60^0 Ans: _____

Drag your answers appropriately for questions 3 - 4 from the table below:

$\sqrt{3}$	$\frac{\sqrt{3}}{2}$	$\frac{1}{2}$	62.73	$\frac{1}{2}$	$\frac{\sqrt{3}}{2}$	3.31	$\sqrt{3}$	23.33	$\frac{1}{\sqrt{3}}$

LIVEWORKSHEETS