

Name: _____ Nos: _____ Grade: _____ LESSON QUIZ

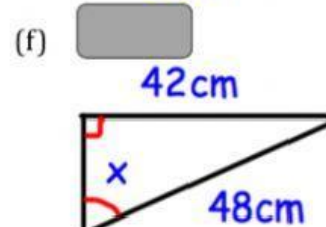
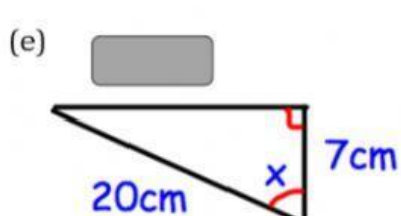
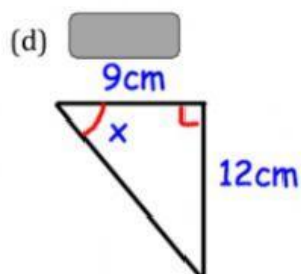
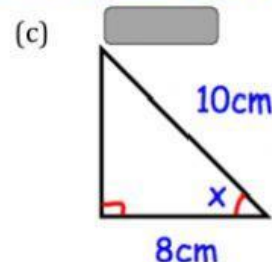
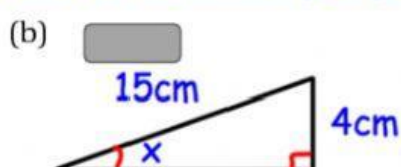
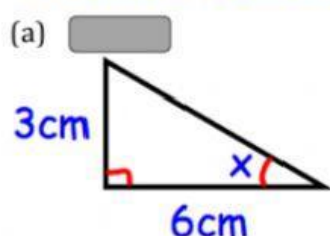
Trigonometric Ratios: Learn to compute Trigonometric ratios.

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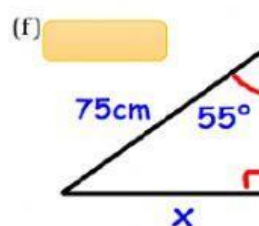
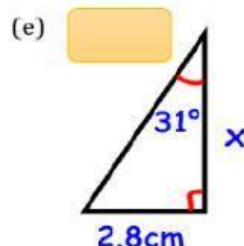
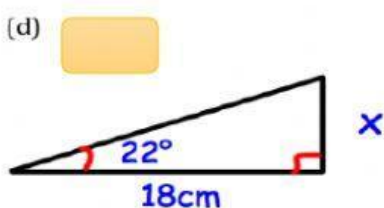
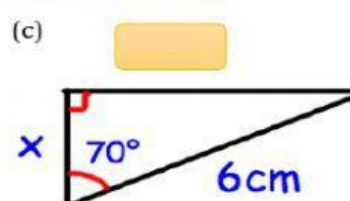
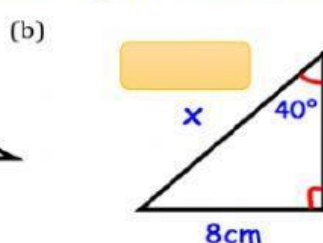
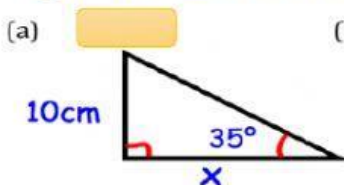
Guidance 1. Read each question carefully before you begin answering it.

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.



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

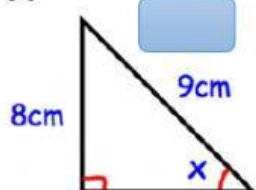


Drag your answers rightfully for questions 1 - 2 from the table below:

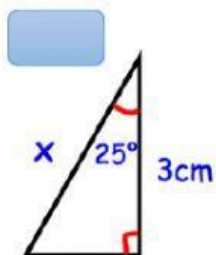
53.13°	14.28cm	7.2725cm	4.6589cm	15.47°	2.0521cm
61.44cm	26.57°	12.45cm	69.51°	61.04°	36.87°

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

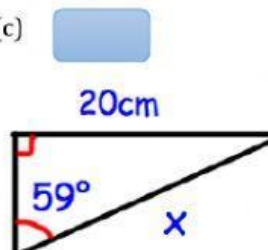
(a)



(b)



(c)

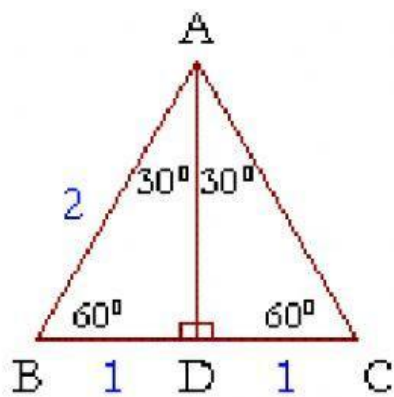


Drag your answers for questions 3 from the table below

Question 4:

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

a. Find the length of AD: Answer: ____



b. $\sin 30^\circ$ Ans: ____	c. $\cos 30^\circ$ Ans: ____	d. $\tan 30^\circ$ Ans: ____
e. $\sin 60^\circ$ Ans: ____	f. $\cos 60^\circ$ Ans: ____	g. $\tan 60^\circ$ 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	$\frac{1}{\sqrt{3}}$
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