Dear Parents / Students

Due to the unprecedented situation, Knowledgeplus Training center is mobilized and will keep accompanying and supporting our students through this difficult time. Our Staff will be continuously, sending notes and exercises on a weekly basis through what's app and email. Students are requested to copy the notes and do the exercises on their copybooks. The answers to the questions below will be made available on our website on knowledgeplus.mu/support.php. Please note that these are extra work and notes that we are providing our students and all classes will be replaced during the winter vacation. We thank you for your trust and are convinced that, together, we will overcome these troubled times.

Knowledgeplus Training Center

Mathematics

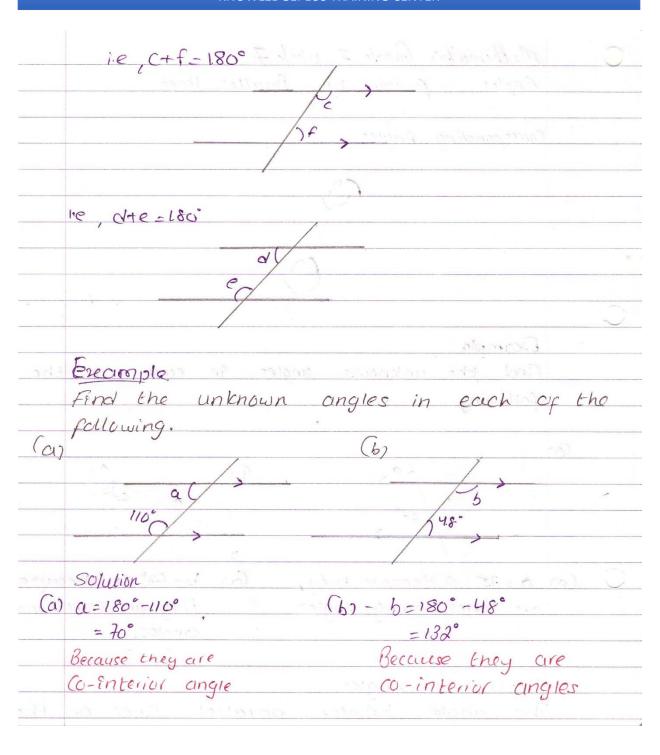
Garde 7

Week 7

Notes and Exercise

Note: (All the Notes, Examples and Exercise are on the photos and Note: (Please copy all the Notes, Examples and Exercises on your copy book).

	Mathematics Grade 7 week 7 Angles formed by Parallel lines
	Corresponding Angles.
	2.61. 2.61.
	Cyanada
	Find the unknown angles in each of the
	following the anteriors and the
	FORTOWING
Can	
	ba, Go
	67.
	75
(a)	a=75 -> Because they (a) b=67° -> Because
-	that con Carolina
	are corresponding angles they are corresponding
	angles.
	Co-interior Angles
	Co-interior Angles The angles between parallel lines on the
	Co-interior Angles



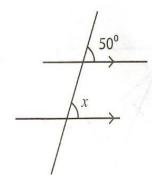
	Alternate Angles
	Angre d'and f ave contained in a z-shape
	figure.
	They are called alternate angles and
	they are equal,
	ie def
	t t
	V03/101/63
	SF
=)*@
	Angles c and e are contained in a reverse
	/ Liquit
	They are called alternate angles and they
:	are equal.
- ~	
1.1	Cee The Control of th
14	and another of the same
ZENE	a dire someonite / 1
	Examples
-	find the unknown angles in each
2 21/4	of the following.
(a)	(b)
10	Q P118°
	b
1.7)540
	Solution
(a)	a=54° (b) b=118°
(Because they are (Because they are alternate angle)
	alternate angle) alternate angle)

Encimples	C servende, there
	nown angles a anb
to in the diag	iram.
There shows I	STORES TWO CALL
	53° / man and malt
Ł	Co
	9-12 31
) 6	62°
Solution	9
	36
\$3.	0
53°	Theolog o could be
620	2010
620	10 looms on Sint
Ce = 62+53°	Note: first draw allino
= llg°	parallel to the 2
b=360°=115°	
= 245°	given parallel lines
= 2/3	
	diagram with pencile
	pen etc
	Then we have 2
	culternate angles
	Sun
1	Sum of angles at
	at point 360.
	Then we take 360°-
	115 4013 (10)
°altada (d	1132 = 70 (V)

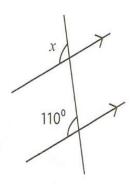
Attempt:Ex1(a-c), Ex2(a-c).

1. Calculate angle x in each of the following cases.

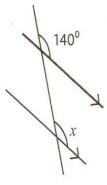
(a)



(b)

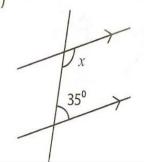


(c)

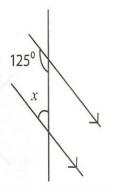


2. Calculate angle x in each of the following cases.

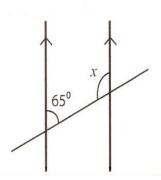
(a)



(b)



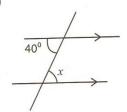
(c)



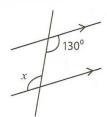
Attempt:Ex3(a-c), Ex4(a-i).

3. Calculate angle x in each of the following cases.

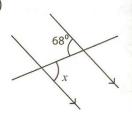
(a)



(b)

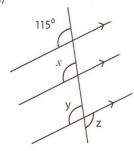


(c)

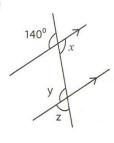


4. Find the unknown angles in each of the following cases.

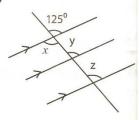
(a)



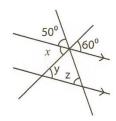
(b)



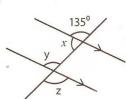
(c)



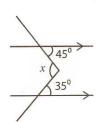
(d)



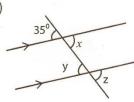
(e)



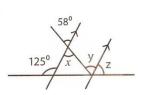
(f)



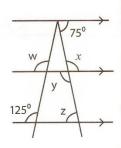
(g)



(h)



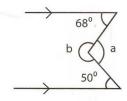
(i)



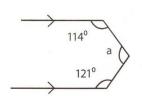
AttemptEx10(a-i).



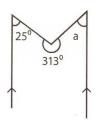
(a)



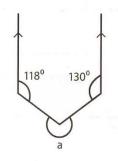
(b)



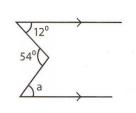
(c)



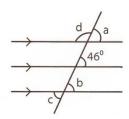
(d)



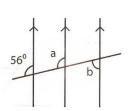
(e)



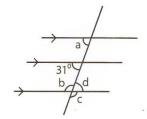
(f)



(g)



(h)



(i)

