



Date:_____

Lesson 10-2 (pages 514-517) <u>Complementary and Supplementary Angles</u>

Word	Definition	Example





Triangle:



By Sides

Date:_









Date:_____

Date:	



Lesson 10-7 (pages 540-545) <u>Similar Figures</u>

Similar Figures:

If 2 figures are similar, then

1) the ______ are _____

2) the _____ are _____

Date:	

Find the value of x in each pair of similar figures. Be sure to show your proportion and steps \bigcirc









Date: 4124/12

Lesson 10-2 (pages 514-517) <u>Complementary and Supplementary Angles</u>

Word	Definition	Example
Gomplemen Angles Cisfor "corner"	Consideration of the second se	0000 110°, NONE 10°, NONE 10°, 20° 32°, 58° 40°, 50° 2°, 88°
80pplemen Angles S is for "straight"	tary 2 angles that have a sum of 180°	$40^{\circ}, 140^{\circ}$ $2^{\circ}, 178^{\circ}$ $110^{\circ}, 70^{\circ}$









_esson 10-7 Similar Figures (p540-545) Similar Figures: figures that have the same shape but not necessarily the same size -26 Symbol If 2 figures are similar, then The corresponding angles are congruent "the angles of the similar figures that match" ex: LYXZ & LSRT (=118°) ex: ZXYZ : ZRST (=26°) ex: ZYZX : ZSTR (=36°) $(=26^{\circ})$ 2) the corresponing sides are proportional "the sides of the similar figures that match ' YX + SR ex: ex: ZX : TR YZ & ST ex:

