

Name: KEY! Date: _____ Hour: _____

vocabulary unit

Geometry Introduction

**THE LOOK YOU GIVE YOUR
FRIEND**




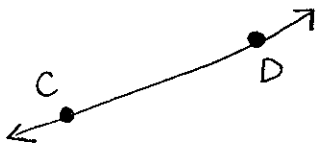
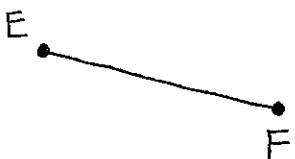
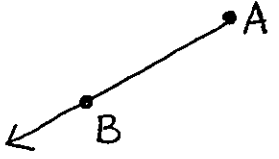
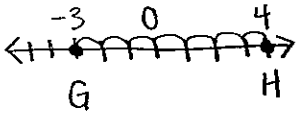
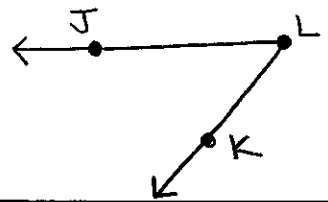
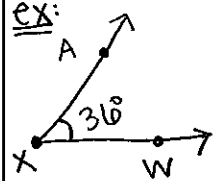

memegenerator.net

Name: KEY!

Date: _____

Hour: _____

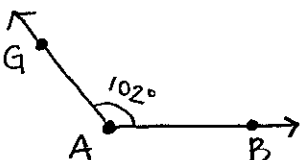
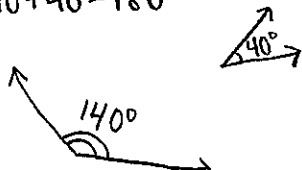
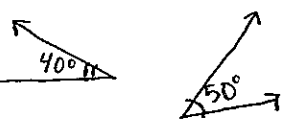
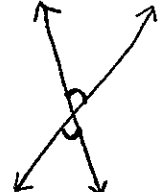
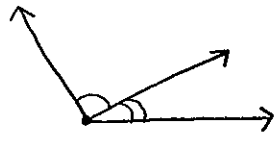
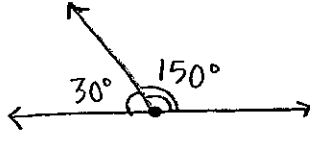
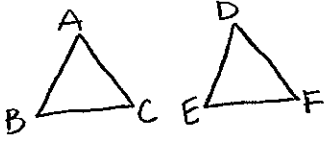
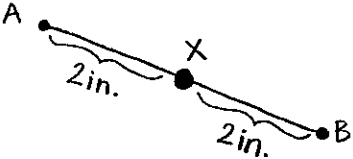
Geometry - Introductory Vocabulary

Word	Definition	Picture	Symbol
point	one of the 3 undefined terms in Euclidean Geo.; "a specific location"		any capital letter ↙ A
line	one of the 3 undefined terms of Euclidean Geo.; "a straight path through 2 points"		\longleftrightarrow CD
segment	all of the points between 2 endpoints		\overline{EF}
ray	has endpoint A & continues in direction of B		\overrightarrow{AB}
distance	the length between 2 points		$GH = 7$
angle	the union of 2 rays w/ the same endpoint		$\angle JLK$
acute angle	angle w/ measure between 0° & 90°	<u>ex:</u> 	
right angle	angle w/ measure of exactly 90°		

Name: _____

Date: _____

Hour: _____

Word	Definition	Picture	Symbol
obtuse angle	angle w/ measure between 90° & 180°	<p>ex:</p> 	
supplementary angles	two angles that add up to 180°	<p>$140^\circ + 40^\circ = 180^\circ$</p> 	
complementary angles	two angles that add up to 90°	<p>$40^\circ + 50^\circ = 90^\circ$</p> 	
vertical angles	two angles whose sides form two lines		
adjacent angles	two angles that share a side "neighbors"		
linear pair	two angles that share a side & add up to 180°		
congruent	two figures that are exactly the same "equal"		\cong
midpoint	a point on a segment that is equal distance from each endpoint		

Name:

Date:

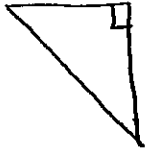
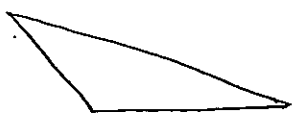
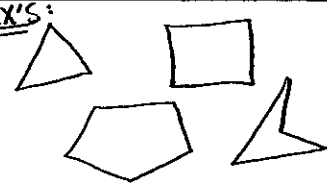
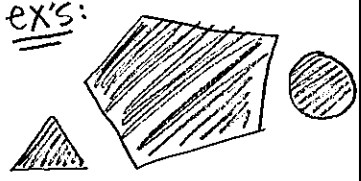
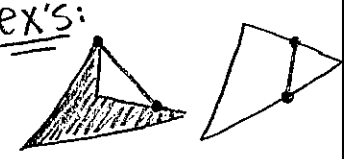
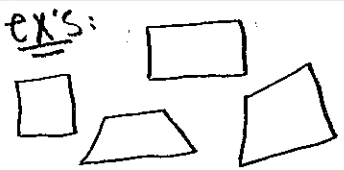
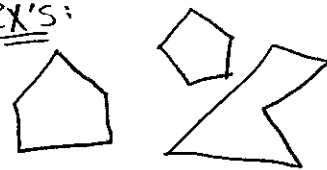
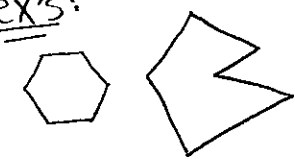
Hour:

Word	Definition	Picture	Symbol
bisector	divides a segment, angle, or figure in half		
parallel lines	two lines which have <u>no</u> common points OR are identical		\parallel ex: $l \parallel m$
perpendicular lines	two lines which form a right angle		\perp ex: $j \perp k$
triangle	a polygon with 3 sides		\triangle ex: $\triangle DEF$
scalene triangle	a triangle w/ no sides of equal length		
isosceles triangle	a triangle w/ 2 sides of equal length		
equilateral triangle	a triangle w/ 3 sides of equal length		
acute triangle	a triangle w/ all 3 angles between 0° & 90°		

Name:

Date:




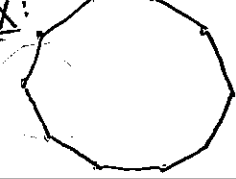
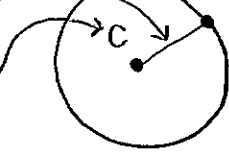

Hour:

Word	Definition	Picture	Symbol
right triangle	a triangle w/ an angle that is 90°		
obtuse triangle	a triangle w/ an angle that is between 90° & 180°		
polygon	the union of 3 or more segments (its sides) such that ea. segment intersects exactly 2 others @ endpoints	<u>ex's:</u> 	
convex	any 2 points connected on a figure lie entirely inside the figure.	<u>ex's:</u> 	
nonconvex (concave)	a figure that is <u>not</u> convex	<u>ex's:</u> 	
quadrilateral	a polygon w/ 4 sides	<u>ex's:</u> 	
pentagon	a polygon w/ 5 sides	<u>ex's:</u> 	
hexagon	a polygon w/ 6 sides	<u>ex's:</u> 	

Name:

Date:

Hour:

Word	Definition	Picture	Symbol
heptagon	a polygon w/ 7 sides	<u>ex's:</u> 	
octagon	a polygon w/ 8 sides	<u>ex's:</u> 	
nonagon	a polygon w/ 9 sides	<u>ex's:</u> 	
decagon	a polygon w/ 10 sides	<u>ex:</u> 	
circle	the set of points at a certain distance (radius) from a certain point (center)	<u>ex:</u> 	 <u>ex:</u> $\odot C$