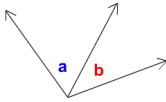


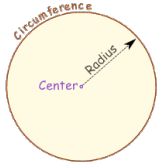
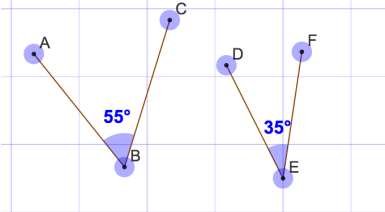
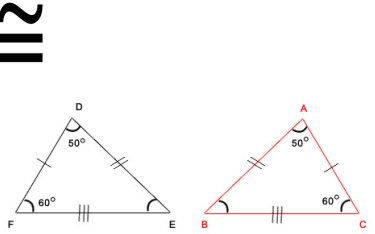
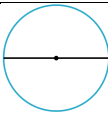
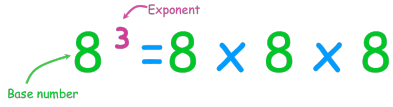
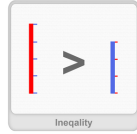
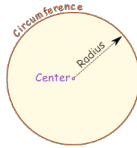
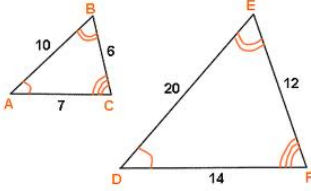

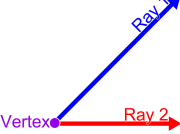
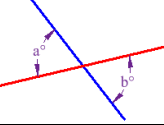


VOCABULARY on FLASHCARDS

<u>Word</u>	<u>Definition</u>	<u>Example</u>
1. Absolute Value	The distance a number is from zero. It is always positive	$ 3 = 3$ $ -3 = 3$
2. Additive Inverse	Add the opposite. when subtracting Change subtraction to addition; change the sign of the second number to its opposite sign	$-1-7=$ $-1+ -7 = -8$
3. Adjacent	Next door neighbor 2 angles that share a ray and a vertex	
4. Area	The amount of space inside a boundary	
5. Area of a Circle	$A = \Pi r^2$	
6. Area of a Triangle	$A = \frac{1}{2} bh$	
7. Circumference of a Circle	The distance around the edge of a circle. $C = 2\Pi r$ $C = \Pi d$	
8. Complementary Angles	A pair of Angles that add up to exactly 90°	
9. Congruent	Just about equal	
10. Dependent Variable	output	Y
11. Diameter	Distance across the widest part of a circle	
12. Discount	A percentage off. SALE	SAVE 20%
13. Equation	An equation says 2 things are equal. Have equal sign and answer	$2 + 3 = 4 + 1$
14. Equivalent	Is equal to	$=$

15. Exponent	A small number above the base. Tells how many times to multiply the base by itself	
16. Expression	A mathematical phrase No answer no = sign	$a + 6$
17. Fraction	A comparison of 2 numbers. A ratio	$\frac{5}{7}$
18. Independent Variable	Input, the boss	X
19. Inequality	<ul style="list-style-type: none"> More than one answer, greater than, less than greater than or equal to less than or equal to 	
20. Interest	Rent charged on borrowing or lending money	$I = prt$
21. Inverse	opposite	
22. Law of the n-gon	Number of degrees in a polygon $n =$ number of sides	$(n-2) 180$
23. Markup	Amount of money made Selling price - cost	
24. Multiplicative Inverse	for dividing fractions multiply by the reciprocal	$\frac{4}{5} \div 5$ $\frac{4}{5} \left(\frac{1}{5}\right)$
25. Percent of a Number	Percent: for each 100 Of = multiply	25% of 15 = 0.25(15)
26. Percent Proportion	$\frac{\text{part}}{\text{whole}} = \frac{\text{percent}}{100}$	$\frac{\text{is}}{\text{of}} = \frac{\text{percent}}{100}$
27. Perimeter	Distance around a 2D shape	$p = 2l + 2w$
28. Proportion	2 equivalent ratios	
29. Radius	The distance from the center of the circle to the edge	
30. Ratio	A fraction A comparison of 2 #'s	$\frac{3}{4}$; 3:4 ; 3 is to 4
31. Reciprocal	The flip of a fraction	The reciprocal of $\frac{3}{4}$ is $\frac{4}{3}$
32. Scale/ scale drawing	An enlargement or reduction of a real object represented by a model or a drawing	$\frac{\text{model or drawing}}{\text{real}} = \frac{\text{model or drawing}}{\text{real}}$

33. Similar	2 shapes are similar when the only difference is size Solve by setting up a proportion							
34. Supplementary Angles	A pair of angles that add up to exactly 180°							
35. Surface Area	Total area of the surfaces of a 3D object	SA = ph + 2B						
36. Unit Rate	For each 1	<table style="width: 100%; border: none;"> <tr> <td style="text-align: center;">RATE</td> <td style="text-align: center;">UNIT RATE</td> </tr> <tr> <td style="text-align: center;">$\frac{24 \text{ miles}}{4 \text{ days}}$</td> <td style="text-align: center;">$\frac{6 \text{ miles}}{1 \text{ day}}$</td> </tr> <tr> <td colspan="2" style="text-align: center;">$\div \frac{4}{4}$</td> </tr> </table>	RATE	UNIT RATE	$\frac{24 \text{ miles}}{4 \text{ days}}$	$\frac{6 \text{ miles}}{1 \text{ day}}$	$\div \frac{4}{4}$	
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$\frac{24 \text{ miles}}{4 \text{ days}}$	$\frac{6 \text{ miles}}{1 \text{ day}}$							
$\div \frac{4}{4}$								
37. Vertex	Point where 2 rays meet							
38. Vertical Angles	Angles opposite each other when 2 lines cross. They are congruent							
39. Volume	The space trapped inside a 3D object	V = Bh						