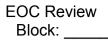
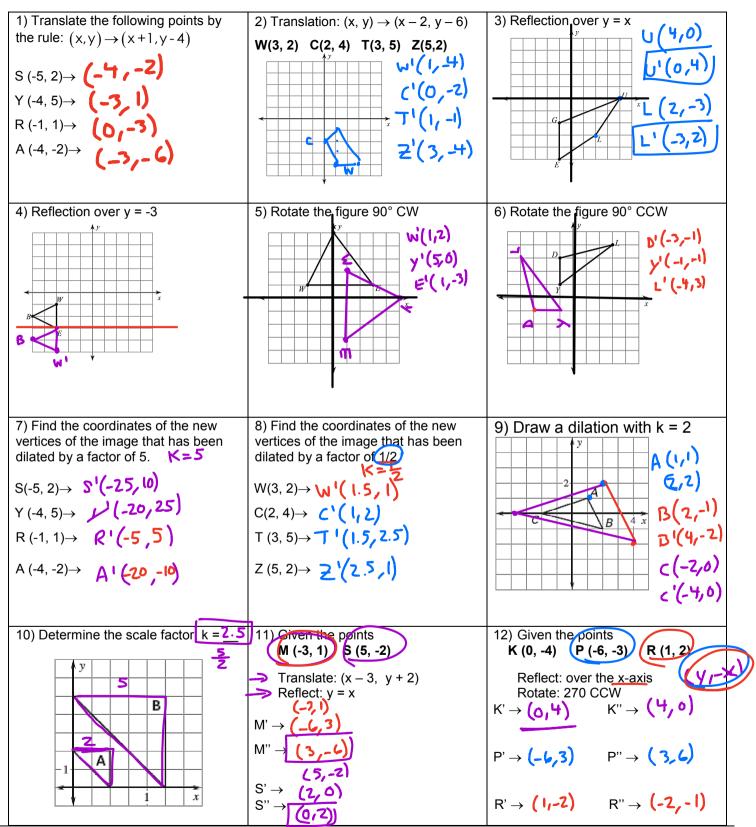
GSE Geometry Name:



Vocabulary: Translations, Dilations, Reflections, Rotations, and Isometric.

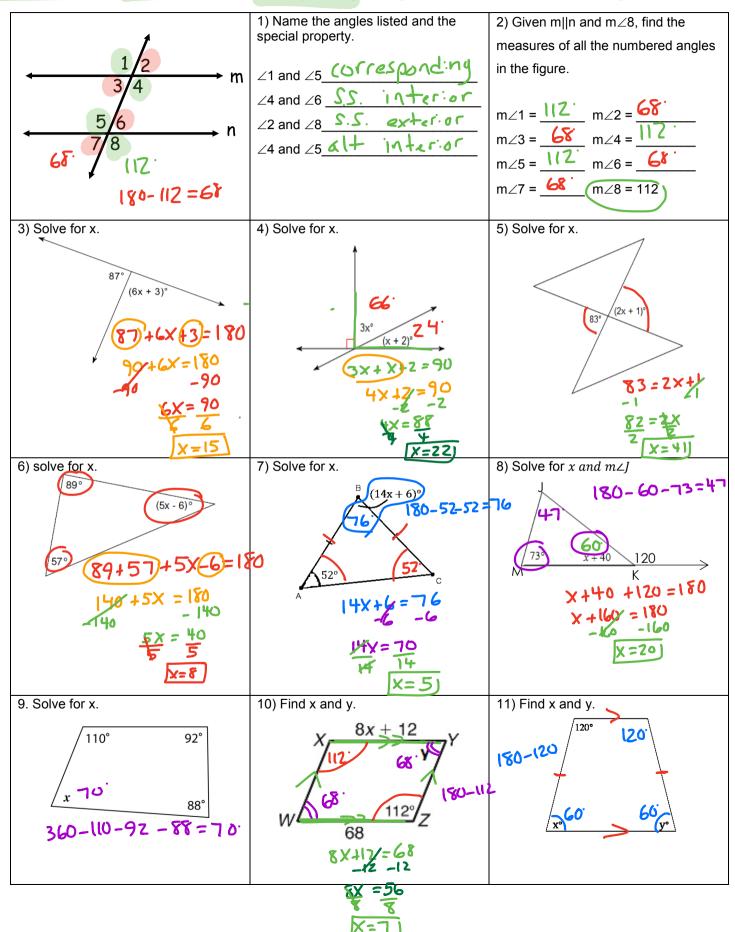


GSE Geometry	Unit 1 - Transformations	EOC Review
 1) Which transformation maps the solid figur onto the dashed figure? A. rotation 180 about the origin B. translation to the right and down C. reflection across the x-axis D. reflection across the y-axis 	e	Answers 1)
2) If triangle ABC is rotated 180 degrees abo		
the origin, what are the coordinates of A'? A. (-5,-4) B. (-5,4) C. (-4,5) D. (-4,-5)	-7 -6 -5 -4 -3 -2 -1 0 -7 -6 -5 -4 -3 -2 -1 0 -7 -6 -5 -4 -3 -2 -1 0 -7 -6 -5 -4 -3 -2 -1 0 -1 -1 -1 -	2)
 3) Determine the angle of rotation for A to monto A'? A. 45 B. 90 C. 135 D. 180 		3)
 4) Which transformation will place the trapez onto itself? A. counterclockwise rotation about the by 90 B. rotation about the origin by 180 C. reflection across the x-axis D. reflection across the y-axis 	(-2, 3) (2, 3)	4)

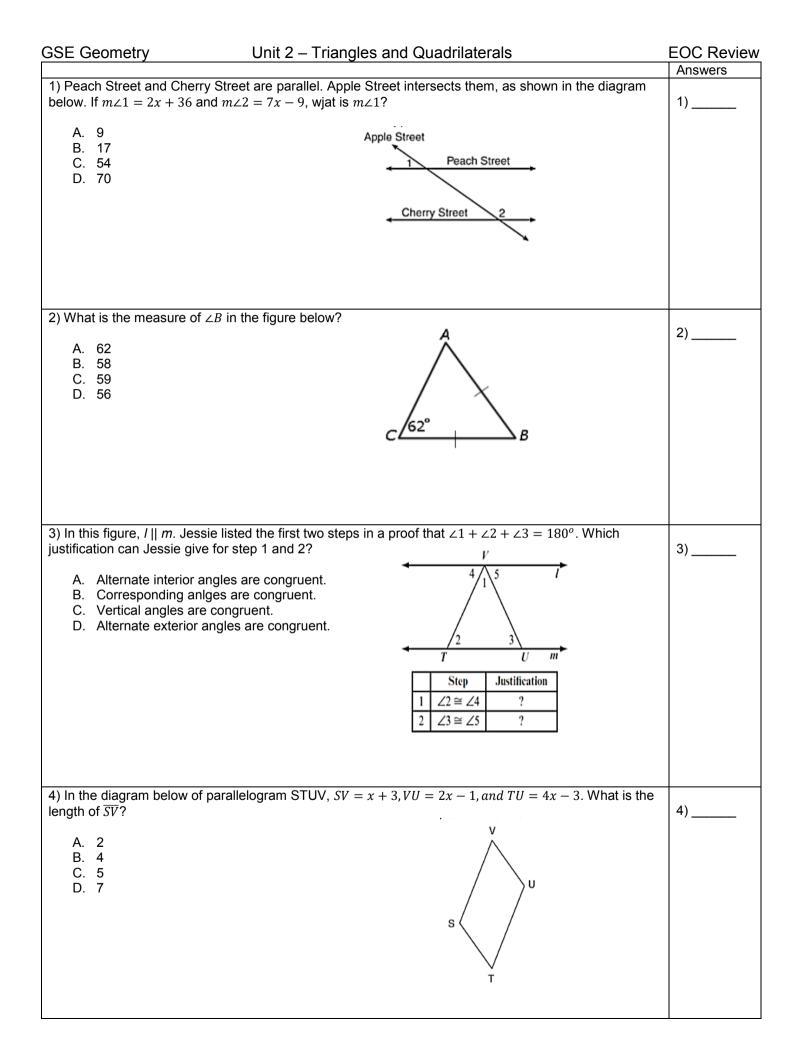
¥

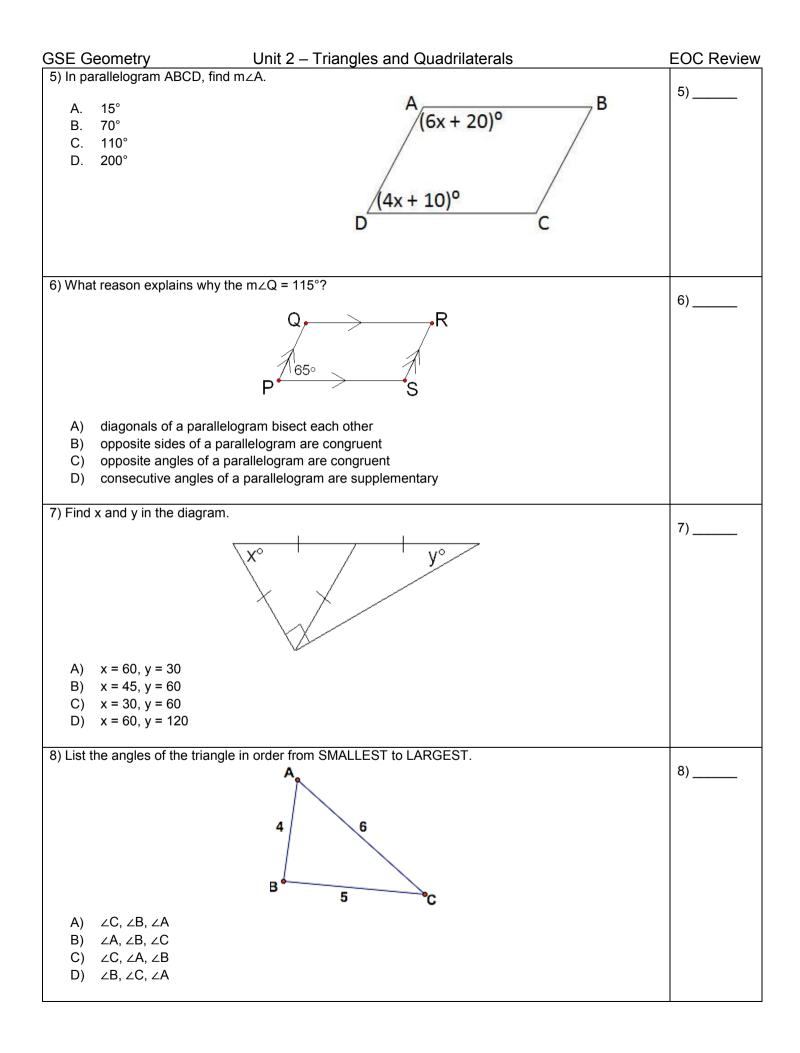
GSE Ge	ometry Unit 1 - Transformations E	OC Review
5) ΔJKL is	s rotated 90 about the origin and then translated using $(x, y) \rightarrow (x - 8, y + 5)$. What are the tes of the final image of L? The coordinates for ΔJKL are J(5,-1), K(4,4), and J(9,3).	Answers
B. (-9,10)	5)
6) Which	figure has 90 rotational symmetry?	6)
B. r C. r D. e	square regular hexagon regular pentagon equilateral triangle	6)
	P is located at (4,8) on a coordinate plane. Point P will be relfected over $y = x$. What will bee	7)
the coord	diantes of the image of point P?	7)
B. 2	4,28)	
	F' is the image when point F is reflected over the line $x = -2$ and then over the line $y = 3$. The of F' is (3,7). Which of the following is the location of point F?	8)
A. (B. (C. (D. ((1,5)	
	ngle has vertices at A(-3,-1), B(-6,-5), C(-1,-4). Which tranformation would produce an image ices A'(3,-1), B'(6,-5), C'(1,-4)?	9)
B. A C. A	A relfection over the x-axis A relfection over the y-axis A rotation 99 clockwise A rotation 90 counterclockwise	
	vertices of ΔJKL have coordinates J(5,1), K(-2,-3), and L(-4,1). Under which tranformation is the 'K'L' NOT congrunet to ΔJKL ?	10)
B. A C. A	A translation of two units to the right and two units down A counterclockwise rotation of 180 degrees aound the origin A reflection over the x-axis A dilation with a scale factor of 2 centered at the origin	

Vocabulary: Supplementary, complementary, vertical, same side interior, same side exterior, alternate interior, alternate exterior, corresponding, triangle, quadrilateral, and parallelogram.







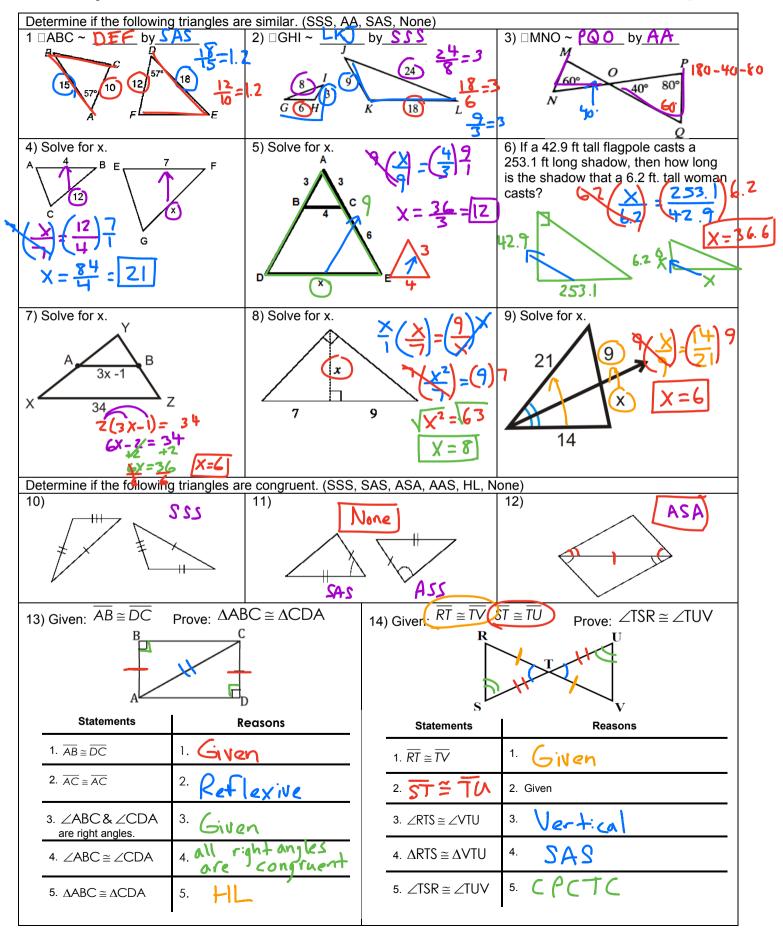


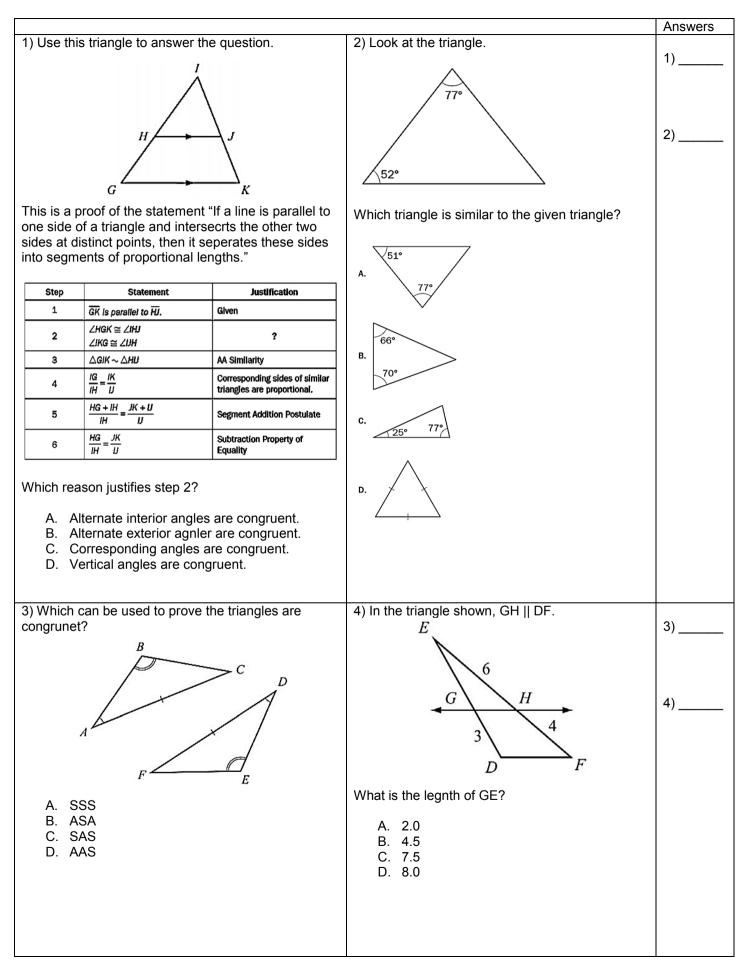
GSE Geometry

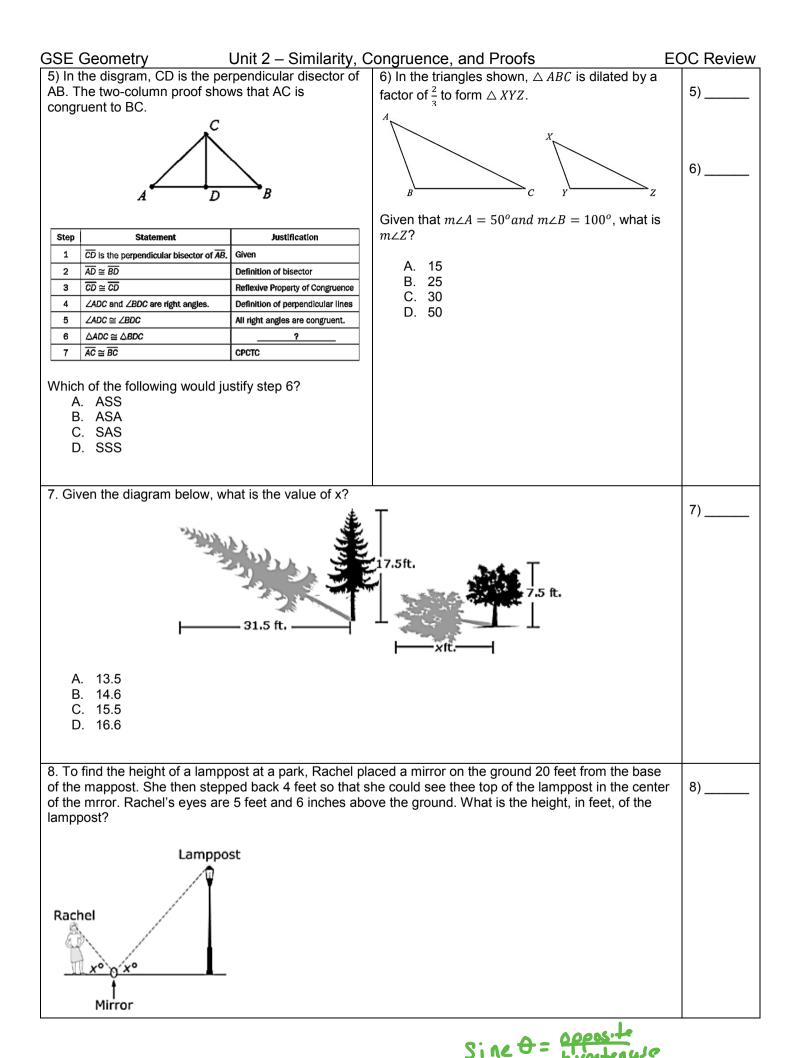
Name:

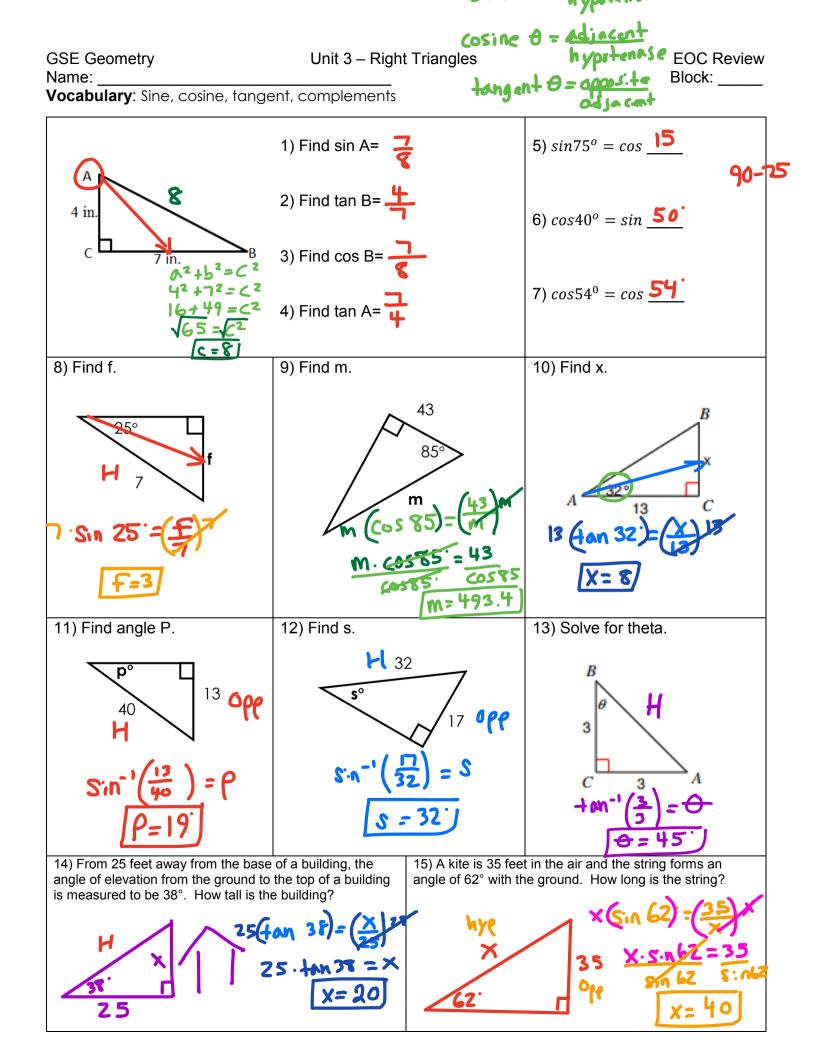


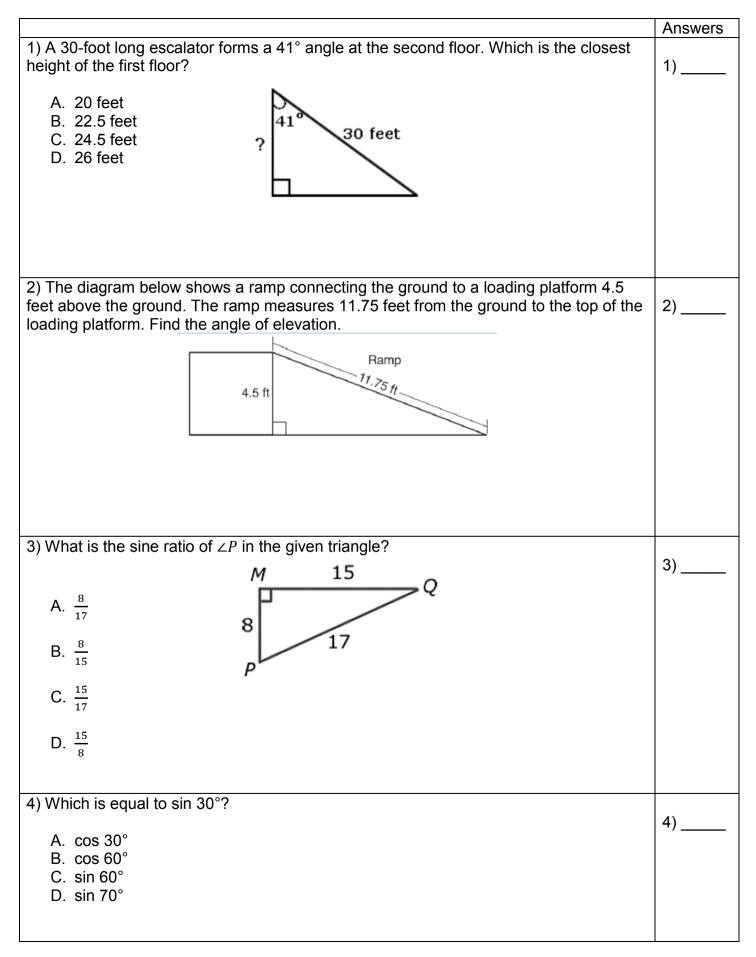
Vocabulary: SSS, SAS, ASA, AAS, HL, CPCTC, Reflexive Property, Definition of a Midpoint, Midsegment.

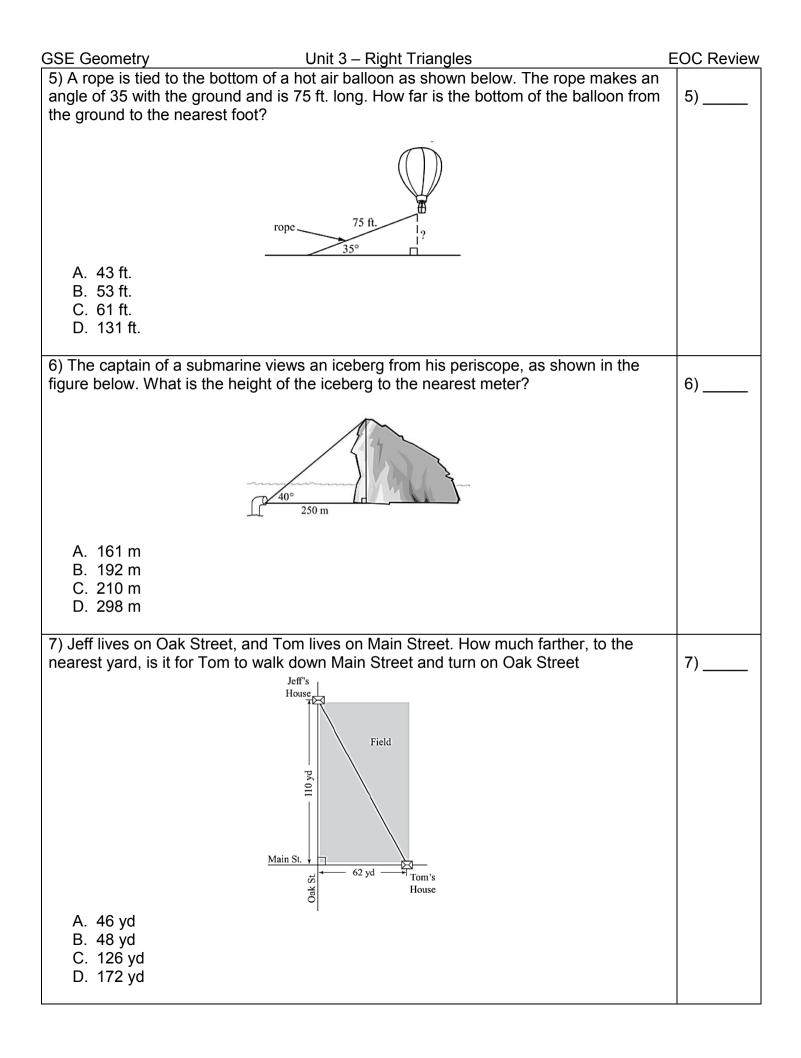






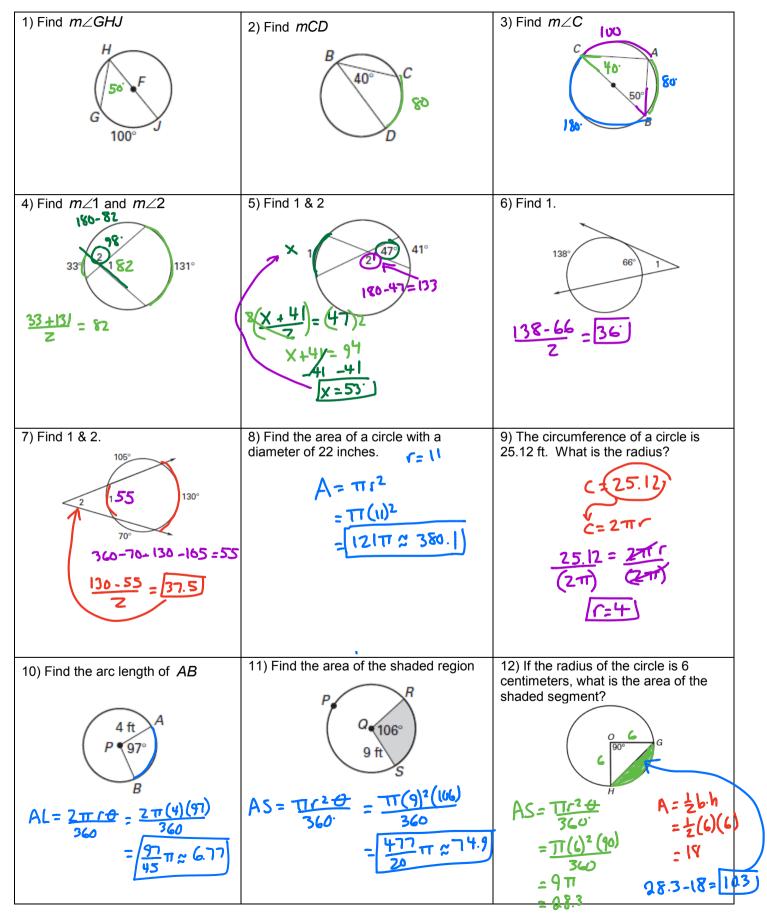


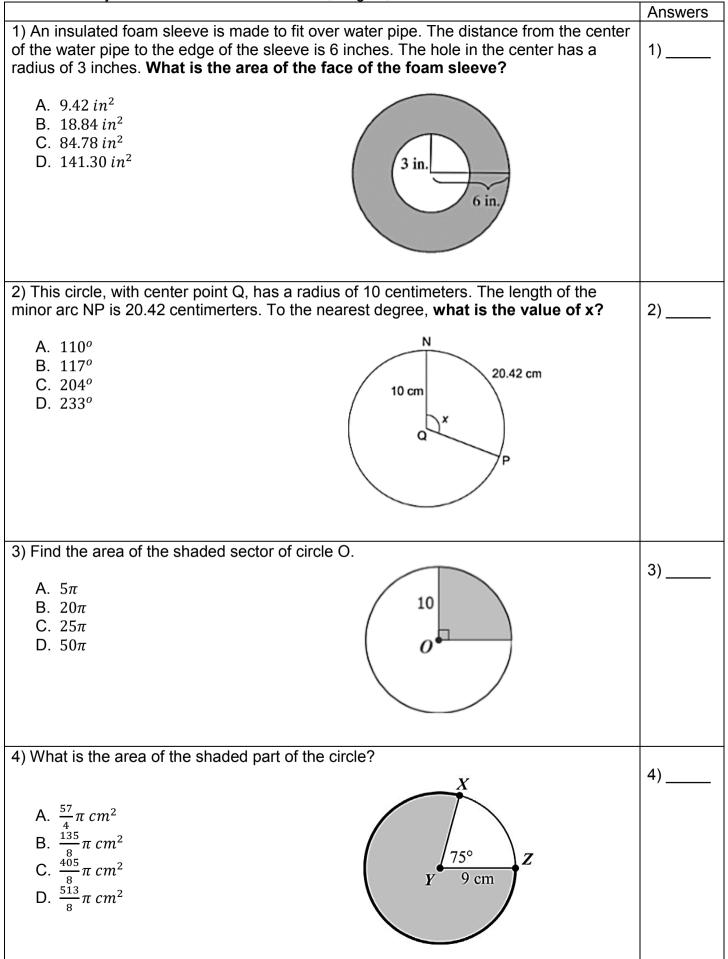


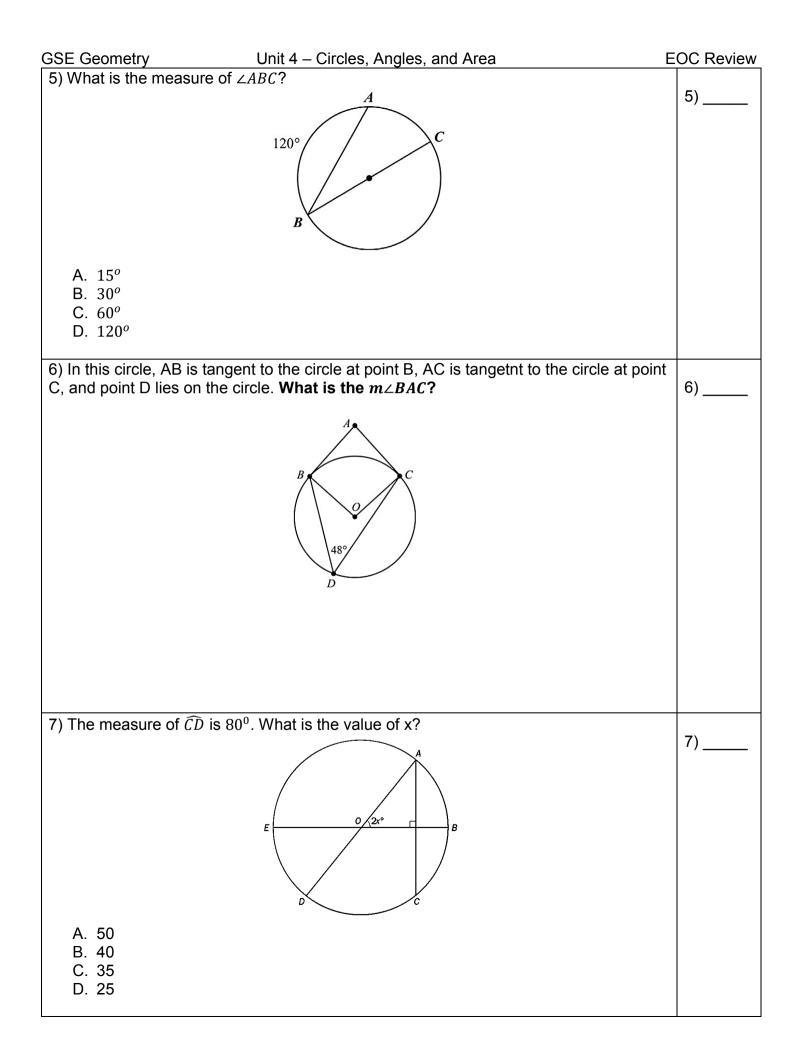


EOC Review Block: _____

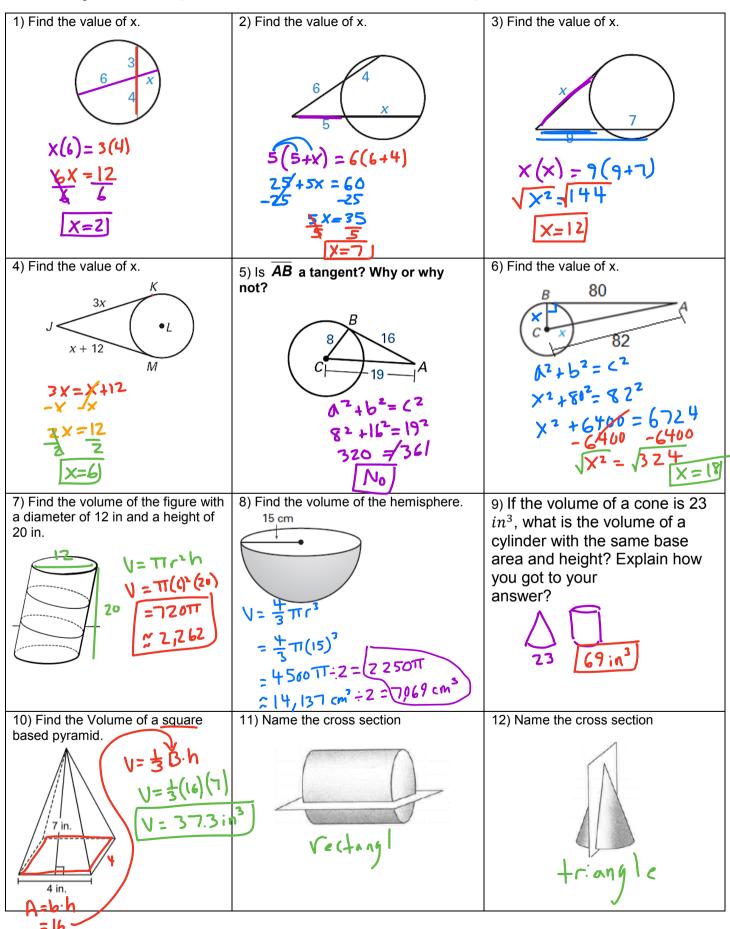
Vocabulary: Sine, cosine, tangent, complements

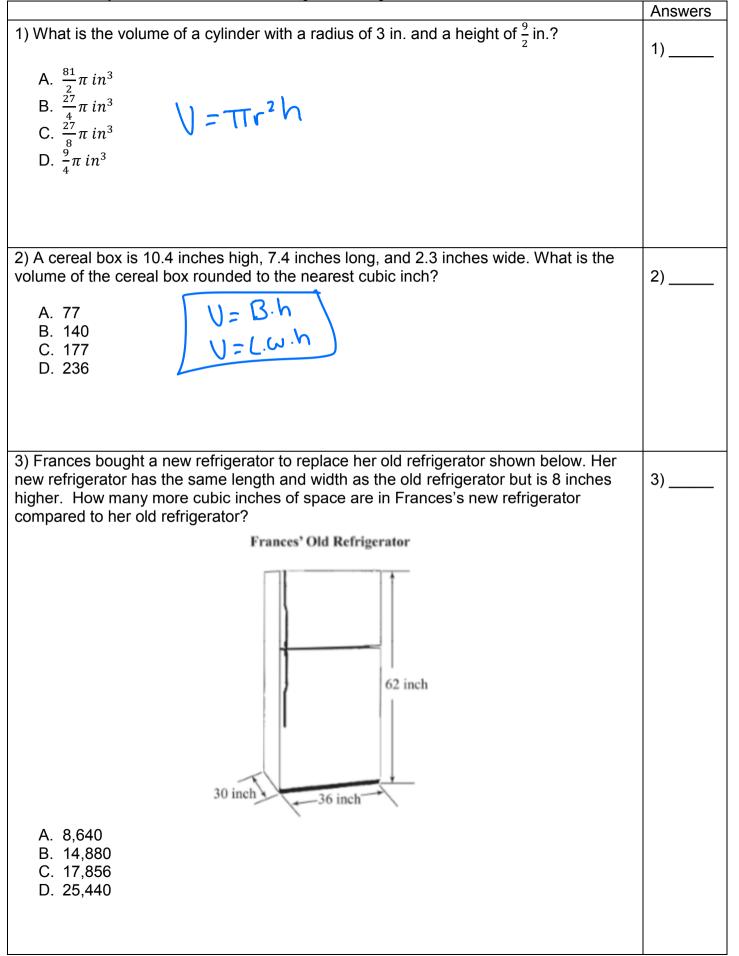


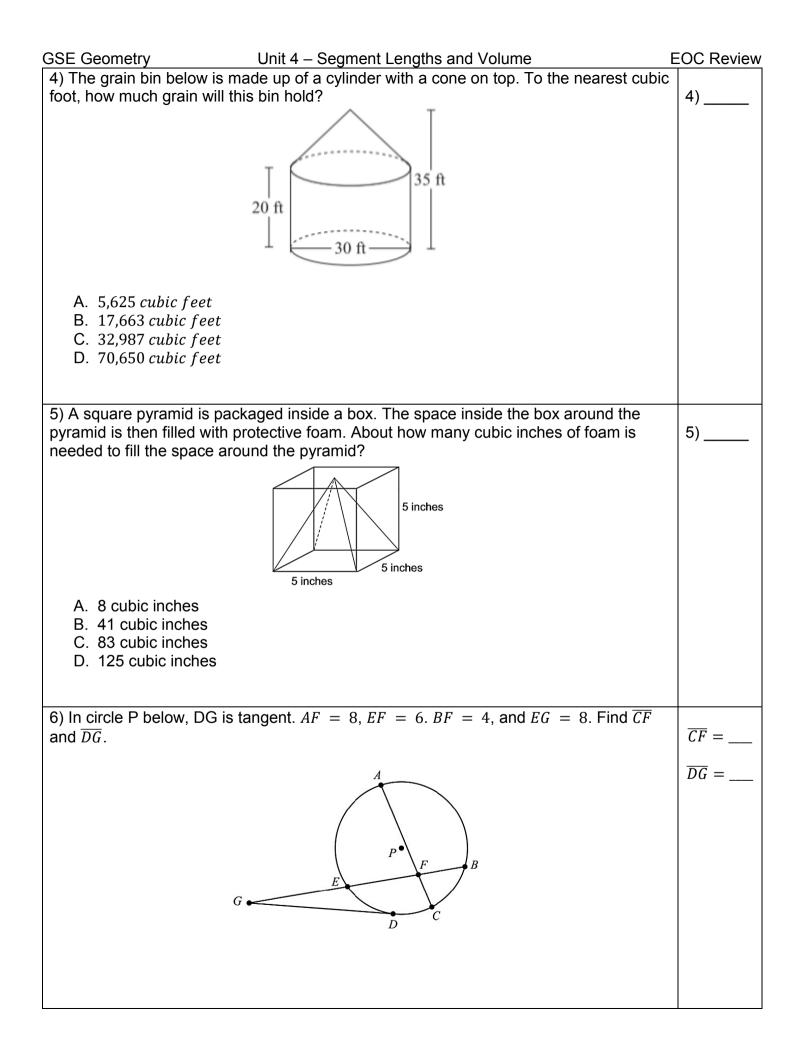


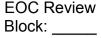


Vocabulary: Chord, tangent, volume, chevalier's principal, Pythagorean Theorem, cross section.

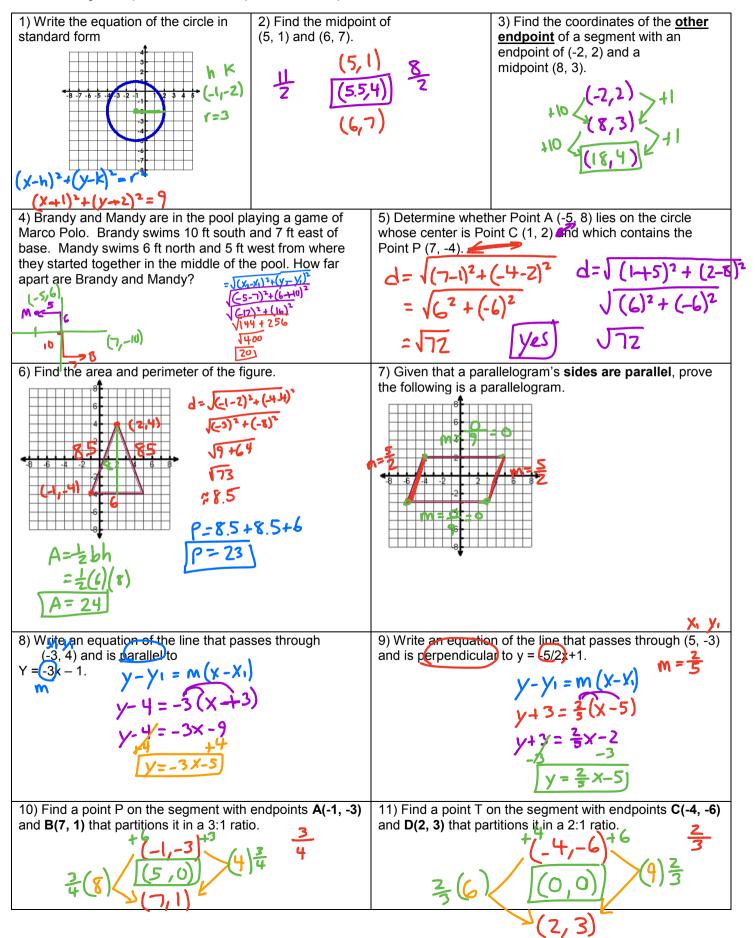


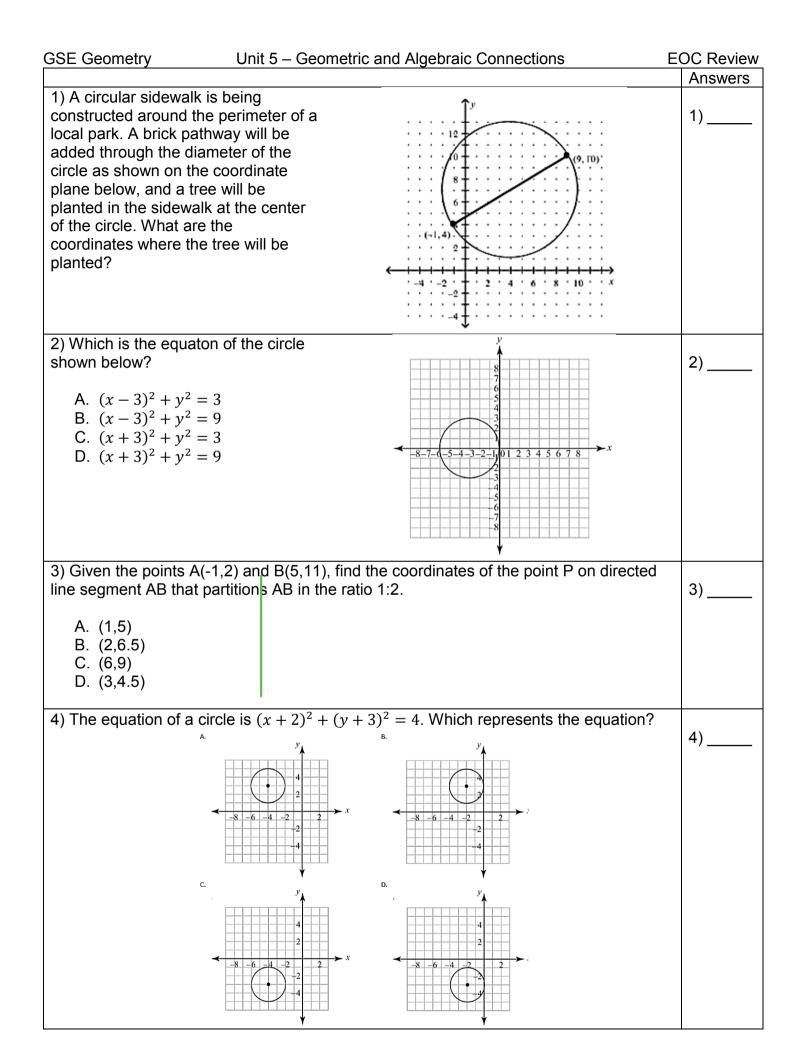


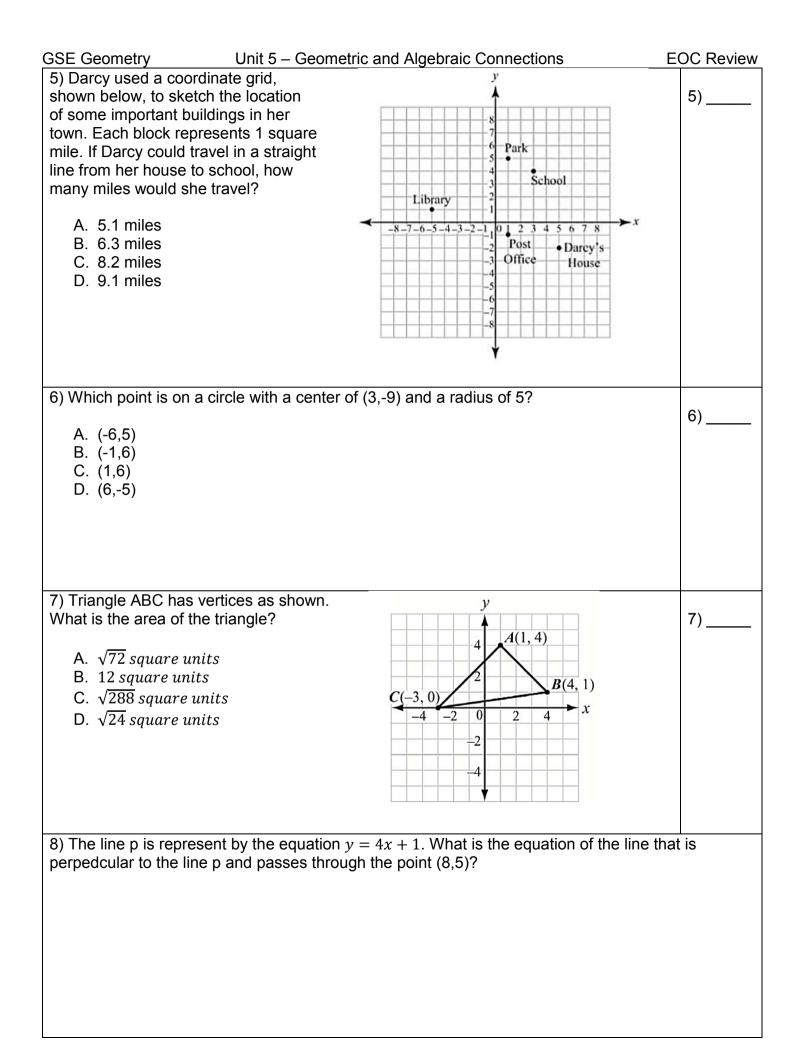




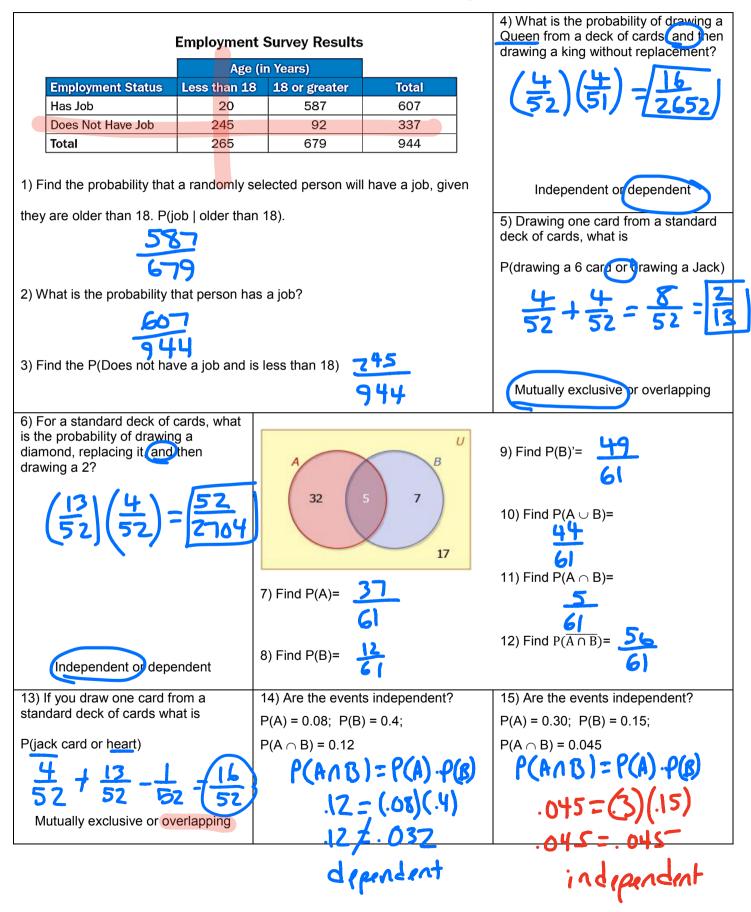
Vocabulary: Midpoint, distance, partition, endpoint, circle







Vocabulary: Independent events, dependent events, conditional probability, Addition Rule, Multiplication Rule for Independent Events, outcome, overlapping events, union, intersection



						Answers
1) For which set of proabilities	would e	/ent A an	id B be i	ndepend	lent?	
			2			1)
A. $P(A) 0.25, P(B) = 0.25;$	•					
B. $P(A)0.08, P(B) = 0.40; H$	•					
C. $P(A)0.16, P(B) = 0.24; F$	-					
D. $P(A) 0.10, P(B) = 0.30;$	P(A and	B) = 0.0	3			
2) What is the probability that a	rodopm				and hair given that the	
2) What is the probability that a person selected is male?	Tauonin	ily chose	ii perso	111111111111111111111111111111111111111	nde han, given that the	2)
person selected is male?		Hair	Color			Z)
		nair	50101			
	Brown	Blonde	Red	Total		
Male	548	876	82	1,506		
Female	612	716	66	1,394		
Total	1,160	1,592	148	2,900		
	,	,		,		
A. 0.51						
B. 0.55						
C. 0.58						
D. 0.63						
2) When rolling a fair, air aided	numbor		hat ia th	<u>a probob</u>	vility of rolling on oven	
3) When rolling a fair, six-sided number cube, what is the probability of rolling an even				3)		
number or a number less than 3?				5)		
∧ ⁵						
A. $\frac{5}{6}$ B. $\frac{2}{3}$						
B. $\frac{2}{3}$						
C $\frac{3}{1}$						
- 1						
D. $\frac{1}{3}$						
4) Each letter of the alphabet is						
placed in a container. Each lett						4)
black ink. The cards are placed						
card radomly selected from the	contain	er has a	letter wr	itten in b	lack ink or the letter is	
A or Z?						
1						
A. $\frac{1}{2}$						
$B_{\cdot} = \frac{\tilde{7}}{2}$						
C. $\frac{1}{26}$						
A. $\frac{1}{2}$ B. $\frac{7}{13}$ C. $\frac{15}{26}$ D. $\frac{8}{13}$						
						1

GSE Geometry Unit 6 – Probability	EOC Review		
5) Ms. Klein surveyed 240 men and 285 women about their vehicles. Of surveyed, 155 men and 70 women said they own a red vehicle. If a persorandom from those surveyed, what is the probability of choosing a woma who does NOT own a red vehicle?	on is chosen at 5)		
A. $\frac{14}{57}$ B. $\frac{71}{105}$ C. $\frac{74}{105}$ D. $\frac{88}{105}$			
6) Bianca spins two spinners that have four equal sections numbered 1 t spins a 4 on at least one spin, what is the probability that the sum of her odd number?	•		
A. $\frac{1}{4}$ B. $\frac{7}{16}$ C. $\frac{4}{7}$ D. $\frac{11}{16}$			
7) Assume that the following events are independent:	7)		
 The probability that a high school senior will go to college is 0.72. The probability that a high school senior will go to college and live 0.46 	,		
What is the probability that a high school senior will live on campus, give person will go to college?	n that the		
A. 0.26 B. 0.33 C. 0.57 D. 0.64			
8) A student draws a card from a standard deck and then draws another card without replacing the first card. Explain why the probability of picking an ace on the frist draw and the probability of picking a 7 on the second draw are NOT independent events.			