		Name	
25 Questi	ons EOG Revi	ew#I	EOG REVIEW
Solve each: Give the	BEST Answer.		
1. Represent $\frac{29}{5}$ as	a percent:		
a . 58%	b. 580%	c. 17.24%	d. 5.8%
2. A rectangle is 24 m	neters long. It has a diagor	nal that is 25 meters. Hov	v wide is it?
a. 49 meters	b. 7 meters	c. 35 meters	d. 1 meter
dimensions of	ength of 5x and a width of the rectangle? in b . 5 in by 3 in		
I. Find the value of x	in this equation: $8 - x =$	$\frac{3}{5}$	
a. $\frac{3}{5}$	b. $7\frac{2}{5}$	c. $\frac{2}{5}$	d. $7\frac{3}{5}$
5. Which ordered pair	satisfies the inequality:)	$y \le 3x + 5$	
a. (2, 12)	b. (-5, -5)	c. (0, 6)	d. (-1, 1)
6 A rectangular prisr	n has edges of 2, 3, and 4c	m. If each edge is increas	sed by 50%.

c. 2.25 **d.** 3.375

a. 0.125 **b.** 1.5

		Name	Period
25 Question	is EOG Revie	w#1 E	EOG REVIEW
7. What is the slope of the	line passing through (-9, 3	3) and (5,-7)?	
a. $-\frac{5}{7}$	b. $\frac{5}{7}$	c. $-\frac{2}{7}$	d. $\frac{2}{7}$
8. Which of the lines below	w is parallel to $y = -\frac{2}{3}x$	+7?	
a . $2x - 3y = 5$	b. $2x + 3y = 5$	c. $3x - 2y = 5$	d . $3x + 2y = 5$
9. The radius of a cylinder	is 5 inches and the height	is 7 inches. What is the v	rolume of the cylinder?
a . 35π in ³	b. 70π in ³	c. 175π in ³	d. 245π in ³
10. Martha got 68% of he get <i>incorrect</i>?a. 68	r answers correct on a 75 o b. 51	question test. How many c. 19	answers did she d. 24
11. Triangle ABC is plotted of the coordinates below w			-6) B (-2, 8) C (4, -1). Which h a scale factor of 2.5?
a. (6, -2.5)	b. (7.5, -9)	c. (-5, 20)	d. (10, 2.5)
12. Calculations show tha	t the height of a building is	$\sqrt{14,600}$ feet. About how	w tall is the building?
a. 120 feet	b. 2,131,600 feet	c. 125 feet	d. 1,208 feet
13 . How can you rewrite the	the expression $4(x+6)$ us	ing the distributive proper	 ty?

a. (x+6)4 **b.** 4(6+x) **c.** 4x+24 **d.** 4x+6

	Na	me	Period
25 Questions	EOG Review	#1	EOG REVIEW
14. The sides of a rectangle a	are represented by x and 5	x. What is the area of	f the rectangle?
a . $5x^2$	b . 6 <i>x</i>	c. $6x^2$	d. 12 <i>x</i>
15. The sides of a rectangle a	are represented by 3x and 4	4y. What is the perim	eter of the rectangle?
a . 6 <i>x</i> +8 <i>y</i>	b . 7 <i>xy</i>	c. $3x + 4y$	d . 14
16. Simplify $4z + 5x + 3y - 3y = 3y + 3y + 3y + 3y + 3y + 3y + 3y +$	2x-2y+3z+1		
a . $3x + y + 7z + 1$	b . $7x + 5y + 7z + 1$	c. 12 <i>xyz</i>	d . $3x + 5y + 7z + 1$
17. Brian's sister is 4 inches sa. 72 inches	horter than half his height. b. 12 inches	If Brian's sister is 32 c. 68 inches	inches tall, how tall is Brian d. 36 inches
18. A pole is supported by a N How high on the pole	vire that is 15 feet long, an is the wire attached?	d attached 12 feet fro	om the base of the pole.
a . 9 feet	b. 27 feet	c. 81 feet	d. 19.2 feet
19. An 18-foot tall antenna is its base. How long is	5	the top of the antenna	a attached 24 feet from
a . 30 feet	b. 6 feet	c. 16 feet	d. 42 feet
20. Solve: 6.8≤1.5 <i>x</i> +2	2		



25 Quest	ions EOG Revie	Name	Period EOG REVIEW
Solve Each: Give t	he BEST Answer.		
. Which of the follo	owing numbers is rational?		
a . $2\sqrt{3}$	b. 2π	c. 3.14	d. 0.123456
2. A rectangle is 16	meters long. It has a diagonal	that is 20 meters long. Ho	w wide is it?
a. 36 mete	b. 4 meters	c. 25.6 meters	d. 12 meters
ectangle? a. 27 in by		c. 6 in by 27 in	d. 9 in by 18 in
I. Find the value of	f x in this equation: $8 - 2x = 1$	$1\frac{1}{5}$	
a. $4\frac{3}{5}$	b. $5\frac{2}{5}$	c. $3\frac{2}{5}$	d. $5\frac{3}{5}$
. Which ordered p	bair satisfies the inequality: y :	$\leq -3x+5$	
	b . (-5, 21)	c . (0, 6)	d . (-1, 1)

6. Which of the variables below would generally show a positive correlation when compared on a scatter plot?

 Child's age vs. 	 b. Child's age versus 	c. Child's age versus	d. None of these.
Year of Birth.	Phone Number	Height	

_

Period_ Name_ 25 Questions EOG Review #2 **EOG REVIEW** 7. Which of the equations below are perpendicular lines? 1. 3x + 2y = 122. 3x - 2y = 123. 2x + 3y = 12**c.** 1 and 3 **a.** 1 and 2 **b.** 2 and 3 d. None of these. **8.** Which of the equations below represents a line with a slope of -2 and passes through the point (-1, 5)? **a.** 2x - y = 3 **b.** 2x - y = -3 **c.** 2x + y = 9**d**. 2x + y = 3**9.** Solve for x: -2x+5 < 3c. $x \le -1$ d. $x \ge -1$ a. $\chi \geq 1$ b. $x \leq 1$ **10.** The formula used to find the area of a trapezoid is $A = \frac{1}{2}h(b_1 + b_2)$ where b_1 and b_2 are the parallel sides and h is the height. If a trapezoid has height 7cm, area 42cm², and one of its parallel sides is 4cm long, what is the length of its other parallel side? **a.** 5cm **b.** 6cm **c**. 7cm **d**. 8cm **11.** A pentagon whose sides are 7 inches long has an area of about 84 square inches. What would be the approximate area of a pentagon whose sides are 10 inches long? **b.** 142 in² **c.** 171.4 in² **d.** 244.9 in² **a**. 120 in²

12. The shadow cast by a building is 192 feet long. If a 6-foot pole casts a 9-foot shadow, how tall is the building?

a. 3.5 feet k	5. 115.2 feet	c. 128 feet	d . 288 feet
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	Ν	ame	Period
25 Questions	EOG Review	1#2 E	OG REVIEW
13. On a scatter plot, the x-ax 50 polar bear cubs. The line of What is the estimated weight in	best fit is graphed with a	a slope of 2.35 (lbs/mo)	and a y-intercept of 8.5.
a. 14.1 pounds	b. 22.6 pounds	c. 51.0 pounds	d. 53.4 pounds
14. The sides of a rectangle an 70 inches, what is its d	e represented by 2x and iagonal length to the ten		he rectangle is
a. 22.9in	b. 26.9in	c. 32.1in	d. 45.8in
15. The sides of a rectangle are	e represented by 5x and	4y. Express the perimet	er of the rectangle:
a. $5x + 4y$	b. 20 <i>xy</i>	c. $10x + 8y$	d. 20
16. Simplify $4z + 5x + 3y - 2$ a. $3x + y + 7z + 1$	2x+2y+3z+1 b. $7x+5y+7z+1$	c. 12 <i>xyz</i>	d. $3x + 5y + 7z + 1$
17. Brian's sister is 4 inches sha. 76 inches	orter than half his height b. 30 inches	 If Brian's sister is 34 in c. 38 inches 	ches tall, how tall is Brian? d. 72 inches
a. 70 menes	D. 30 menes	c. 30 menes	u. 72 menes
	of triangle ABC are A(-8,2 with new coordinates A' used to create the dilatio	(-28, 7), B'(-7, 14) and (
a. $3\frac{1}{2}$	b. $-3\frac{1}{2}$	c. $\frac{2}{7}$	d. $-\frac{2}{7}$
19. Maury runs 180 yards, take started from. If he runs 8 yards			
a 20 seconds	b 45 cocondo	e El cocondo	d 45 cocondo

a. 29 seconds **b.** 45 seconds **c.** 52 seconds **d.** 65 seconds

					Na	me		Period
25	Ques	stion	is EO	G Rev	view	#2	EOG REV	/IEW
20 . S	Solve: 9.5	$\leq 1.5x$	+2					
	a. 5≤	X	b.	$5 \ge x$		c. 7.6≤ <i>x</i>	d. 7.62	$\geq x$
21 . V	Vhich of the	e linear eq	juations be	elow does	NOT repre	sent a function?		
	a . y=x		b.	y=3		c. x=3	d. y=x+3	1
22 . V	Vhat is the s	slope of tl	he line of b	oest fit for	the data ir	the table below	to the tenth?	
x	19.1	24.9	28.1	53.7	59.2			
у	39.4	58.1	67.3	147.9	163.0			
	a. 2.9			3.0		c. 3.1	d. 3.2	
23 . V	a. 2.9 Which of the a. -3^7		g is equal t			 c. 3.1 c. 3² · 3⁵ 	d. 3.2 d. $\frac{3^{-5}}{3^2}$	
	Which of the $\mathbf{a}. = 3^7$		g is equal t b.	$(3^3)^4$	are $2rac{1}{4}$ ir			
	Which of the a . -3^7	area of a	g is equal t b.	$(3^3)^4$	·	c. 3 ² · 3 ⁵		
24 . V	Which of the a . -3^7 What is the a . $8\frac{3}{4}ii$	area of a n^2	g is equal t b. square wh b.	$(3^{3})^{4}$ hose sides $\frac{81}{16}in^{2}$	·	c. $3^2 \cdot 3^5$	d. $\frac{3^{-5}}{3^2}$ d. $9\frac{1}{4}in$	
24 . V	Which of the a . -3^7 What is the a . $8\frac{3}{4}ii$	area of a n^2	g is equal t b. square wh b.	to 3^{7} ? $(3^{3})^{4}$ mose sides $\frac{81}{16}in^{2}$ ats a ration	·	c. $3^2 \cdot 3^5$ inches long? c. $9in^2$	d. $\frac{3^{-5}}{3^2}$ d. $9\frac{1}{4}in$	

]	Name	Period
25 Questions	s EOG Reviev	v #3	EOG REVIEW
Solve Each: Give the BEST	Answer.		
1. Which of the following nu	Imbers is irrational?		
a. 2.345	b . $\sqrt{121}$	c. $\frac{22}{7}$	d. $\frac{\sqrt{5}}{2}$
2. A rectangle is 15 meters	long. It has a diagonal th	at is 25 meters long. W	
a. 20 meters ²	b. 300 meters ²	c. 400 meters ²	d. 435 meters ²
			<u>_</u>
2 A restorado has a lon ath			2
3. A rectangle has a length What are the dimension	sions of the rectangle?	is area is 90in².	
a. 9 in by 10 in	b . 6 in by 15 in	c. 3 in by 30 in	d. 5 in by 18 in
			3
4. Find the value of x in this	equation: $2x - 8 = 1\frac{1}{5}$		
1	2	2	2
a . $9\frac{1}{5}$	b. $2\frac{3}{10}$	c. $2\frac{3}{5}$	d. $4\frac{3}{5}$
			4
5. Which ordered pair satisf	ies the inequality: $v \leq -$	-3x+5	
a. (-1, 3)	b. (1, 3)	c. (3, -1)	d. All of these.
a. (-1, 3)	D. (1, 3)	c. (3, -1)	u. An or these.
6. Which of the equations b	elow are parallel lines whe	en graphed on the coord	5 linate plane?
1. $3x + 2y = 12$			
2. $3x - 2y = 12$			
3. $y = \frac{2}{3}x + 12$			
a. 1 and 2	b. 2 and 3	c. 1 and 3	d. None of these.

Period_

EOG R

25 Questions EOG Review #3

7. Which of the equations below represents a line with a slope of -1 and passes through the point (-2, 11)?

-	-		
a . $x - y = 13$	b . $x - y = -13$	c . $x - y = 9$	d. $x + y = 9$
			7
8. Solve for x: $-\frac{2}{3}x$	$+5 \le 3$		
a . <i>x</i> ≥3	b . $x \le 3$	c. $x \le -3$	d. $x \ge -3$
			8
9. The area of a regula	r hexagon can be found using	the formula $A = \frac{3s^2}{2}$	$\frac{\sqrt{3}}{2}$. What is the approximate
side length of a regular	hexagon whose area is 50cm	² ?	
a. 2.2cm	b. 4.4cm	c. 9.6cm	d. 19.2cm
			9.
10 Which of the follow	ing concorts on integer the	tic not a whole number	
	ving represents an integer tha	t is not a whole number	<i>!</i>
a . $-\sqrt{\frac{25}{16}}$	b. $\frac{54}{9}$	c. $\sqrt{-25}$	$d. = \sqrt{\frac{16}{4}}$
			10
•	o states that ½ inch equals 35 How many inches apart are y	5	5
a. 2.5 inches	b. 2.75 inches	c. 5 inches	d. 11 inches
			11
	for a scatter plot is $y = -0.2$ tter plot display?	1x + 11.54. What type	e of correlation does
a. Positive	b. Negative	c. None	d. Indeterminate
			12
13. The sides of a recta 70 inches, what	ngle are represented by 2x a t is its area?	nd 5x. If the perimeter	of the rectangle is
a. 25in ²	b. 35in ²	c. 250in ²	d. 1,000in ²

The with volume 288π cm ³ . d. 17cm 14 the rectangle's perimeter? d. 16in 15 1 d. $3x-y-z+1$ 16 three less hotdogs than Jan.
d. 17cm 14 the rectangle's perimeter? d. 16 <i>in</i> 15 1 d. $3x - y - z + 1$ 16
d. 17cm 14 the rectangle's perimeter? d. 16 <i>in</i> 15 1 d. $3x - y - z + 1$ 16
d. $16in$ 151 1 d. $3x - y - z + 1$ 16
d. 16 <i>in</i> 15 1 d. $3x - y - z + 1$ 16
15 1 d . 3 <i>x</i> - <i>y</i> - <i>z</i> +1 16
1 d . 3 <i>x</i> - <i>y</i> - <i>z</i> +1 16
16
16
d. 25
17
h and drives 11 miles.
d. 15.7 miles
18
ost?
d. \$10.70



25. The daily cost of a rental car is dependent on the number of miles you drive it. After a daily fee, you pay a certain amount per mile. On Monday you drive 40 miles and pay \$40. On Tuesday you drive just 10 miles and pay \$25. Which equation below represents the cost of rental (c) based on the number of miles you drive (m)?

		Name	Period
25 Question	s EOG Review	N#4	EOG REVIEW
Solve each: Give the BES	T Answer.		
1. Which of the following n	numbers is irrational?		
a . 3.14	b . <i>π</i>	c. $\frac{22}{7}$	d . 3.14
2. A rectangle is 30 meters	s long. It has a diagonal th	nat is 40 meters long.	1 What is its width?
a. 10 meters	b. 26.5 meters	c. 50 meters	d. 700 meters
			2
3. Which of the following e	expressions represents a w	hole number?	
a . 6–9	b. $\frac{2\pi}{\pi}$	c. $\frac{\sqrt{25}}{\sqrt{5}}$	d. $\frac{11}{22}$
4. What is the slope of the	line perpendicular to y=-2	x+3?	3
a . $\frac{1}{2}$	b . – 2	c. $-\frac{1}{2}$	d. 2
		25	4
5. Which ordered pair satis			
a. (3, 1)	b . (1, 3)	c. (3, -1)	d. All of these.
			5
6. Which of the equations	below are parallel lines?		
1. $3x + 2y = 12$			
2. $2x - 3y = 12$			
3. $y = \frac{2}{3}x + 12$			
a. 1 and 2	b. 2 and 3	c. 1 and 3	d. None of these.

				Name	Period
25 Qi	Jesti	ons	EOG Revie	ew #4 E	EOG REVIEW
7. Which o	of the equa	itions belo	ow represents a line v	vith a slope of 1 and passes	s through the point (2, -11)?
a.	x - y = 1	13	b . $x - y = -13$	c. $x - y = -9$	d. $x + y = -9$
	2				7
8. Solve fo	or x: $-\frac{2}{3}$	$x-5 \le 3$			
a.	<i>x</i> ≥–12		b . <i>x</i> ≤−12	c . <i>x</i> ≥12	d. $x \le 12$
					8
9. The volu		ylinder is ie new cyl		doubled, what will be the v	olume
a.	10 in ³		b. 20 in ³	c. 25 in ³	d. 40 in ³
					9
10. Which	of the foll	owing rep	presents a rational nu	mber that is not a whole nu	umber?
	of the foll $-\sqrt{\frac{400}{25}}$		presents a rational nu b. $\frac{21}{7}$	mber that is not a whole nucleon $c. \ \sqrt{2}$	umber? d. 5π
a. 11. Based	$-\sqrt{\frac{400}{25}}$ on the tab	ble of data	b . $\frac{21}{7}$	c. $\sqrt{2}$	d. 5π
a. 11. Based number of i	$-\sqrt{\frac{400}{25}}$ on the tab	ble of data	b . $\frac{21}{7}$	c. $\sqrt{2}$	d. 5π 10
a. 11. Based number of r cost (\$)	$-\sqrt{\frac{400}{25}}$ on the tak miles <i>m</i> dr	ble of data	b. $\frac{21}{7}$	c. $\sqrt{2}$	d. 5π 10
a. 11. Based number of r cost (\$) miles	$-\sqrt{\frac{400}{25}}$ on the tak miles <i>m</i> dr 6.45 2.3	ble of data iven? 7.20	b. $\frac{21}{7}$	c. $\sqrt{2}$ on would represent the cos 13.35 6.9	d. 5π 10 t <i>c</i> of a cab ride based on the
a. 11. Based number of r cost (\$) miles	$-\sqrt{\frac{400}{25}}$ on the tak miles <i>m</i> dr	ble of data iven? 7.20	b. $\frac{21}{7}$ a below, what equation 12.75 12.15	c. $\sqrt{2}$ on would represent the cos	d. 5π 10

12. A rectangle has its length doubled and its width tripled, and the resulting area is 54in². What was the rectangle's original area?

a. 6in² **b.** 9in² **c.** 108in² **d.** 324in²

					Nam	e	Period
25 Qi	iesti	ons	EOG	Revi	ew #	¥4	EOG REVIEW
13 . The are	a of a rec	tangle is ⁻	18in². Wł	nich of the	following	g values <i>co</i>	uld be the rectangle's perimeter?
а.	9in		b. 11i	n		c. 22in	d. None of these.
		-					13
14. Simplif	y x - 3(x)	:+3)					
а.	-2x+5		b 2	2x - 15	(-2x+	15 d. $-3x-15$
							14
15. Which ϵ	expression	n represer	nts the fol	lowing sta	tement:	Five more	than the product of x and 3.
a. 5	5(x+3)		b. 3x+	-5		c. 3(x+5)	d . 5(3x)
							15
16. Based	on the tak	ole of data	a below, v	vhat is the	charge p	er minute o	of a phone call?
cost (\$)	1.33	3.25	6.85	7.57	7.93		
minutes	9	25	55	61	64		
a. 5	\$0.10		b. \$0.	11		c. \$0.12	d. \$0.25
17 Deced	on the tak	la of data	halow a	bouthour		م مام م	16
r			i below, a				year-old calf weigh? 1
weight (lbs	-	34.2	59	71.4	83.8	96.2	•
age (mont	ns)	1	5	7	9	11	
а.	102.4		b. 103	3.2		c. 104	d. 130.4
							17
18. Which	equation	represent	s the data	a in the tab	le below	?	
x y -6 11 -9 13 15 -3 21 -7 3 5	-						

a.
$$y = -\frac{2}{3}x + 7$$
 b. $y = \frac{2}{3}x + 15$ **c.** $y = \frac{3}{2}x + 20$ **d.** $y = -\frac{3}{2}x + 2$

				Nan	ne	P	eriod
25 Quest	ions	EOG	Revi	ew 7	#4	EOG REVI	EW
19. Which of the ed	quation belo	ow repres	sents a hoi	rizontal li	ne?		
a . $y = x$		b . y	=-x		c. $y = 3$	d . $x = 3$	
							19
20. The equation 2 What is the				s on the	coordinate pla	ne.	
a 12		b 9			c. -6	d. 12	
							20
21. Which equatior	n below is a	linear eo	quation?				
2		_	Γ		1	- 2	
a . $y = x^2$		b. <i>x</i> ·	$-y = \sqrt{9}$		$x = \frac{1}{x}$	d . $y^2 = x$	
							21
22. Which line of b	est fit could	l represei	nt a scatte	r plot sho	wing positive	correlation?	
1. $y = x + 7$							
II. $y = 2x + 8$							
III. $y = 3x - 9$							
a. II only		b. Lai	nd II		c . II and III	d. I, II, and	Ш
							22
23. Which best rep	resents the	e slope of	the line of	f best fit i	for the data be	low?	
height (in)	2.17	2.77	3.34	3.84	4.43		
age (weeks)	3	5	7	9	11		
a. 0.24		b. 0.2	26		c. 0.28	d. 0.31	
							23
24. Solve for x in th	ne following	g inequali	ity when y	=-9: $\frac{xy}{2}$	->18		
a. x>4		b. x>	-4		c. x<4	d. x<-4	

		Name	Period
25 Questions	EOG Review	<i>N</i> #5	EOG REVIEW
Solve each: Give the BEST	Answer.	_	
1. Which of the following nu	mbers is greatest?		
a . 3.14	b. <i>π</i>	c. $\frac{22}{7}$	d. $3.1\overline{4}$
2. A rectangle is 30 meters I	ong. It has a diagonal th	nat is 40 meters long. W	1 hat is its width?
a. 10 meters	b. 26.5 meters	c. 50 meters	d. 700 meters
			2
3. Which of the following ex	pressions represents a w	hole number?	
a. $\sqrt{45} \cdot \sqrt{3}$	b. $\sqrt{5} \cdot \sqrt{40}$	c. $\sqrt{20} \cdot \sqrt{5}$	d. $\sqrt{24} \cdot \sqrt{4}$
			3
4. What is the slope of the li	ne perpendicular to $2x$ \cdot	-y = 3?	
	1	1	
a. -2	b. $-\frac{1}{2}$	c. $\frac{1}{2}$	d. 2
			4
5. The ordered pair (-3, 4) is	s a solution to which of th	e following inequalities?	, ,
a. $x + y > 2$	b . $x - y > 2$	c. $y - x > 2$	d. All of these
			5
6. Which of the equations be	elow are perpendicular to	the equation $5x - 3y$	
			10.
A. $5x + 3y = 15$			
B. $3x - 5y = 15$			
C. $y = \frac{5}{3}x - 15$			
a. A.	b. B.	c. C.	d. None of these.

					Name_			P	eriod
25 Qi	Jesti	ons	EOG R	Revi	ew #!	ō	EOGI	REVI	EW
	ariable wo nily vacatio		likely show	a positiv	ve correlatio	on with the nur	nber of mil	es driven	on a
a.	Gas price		b . Gas u	ised.	с.	Temperature.	d.	Miles per	gallon.
						p. It cost Luc cups of lemon		pplies. W	7 /hich
a.	f(c) = 0).40 <i>c</i>	b. $f(c)$) = 0.40	<i>c</i> +6 c.	f(c) = 0.40	<i>с</i> -б d .	f(c) =	6-0.40 <i>c</i>
									8
						quare feet of s lar stop sign th			
	12 ft ²		b . 16 ft ²		C.	18 ft ²	d.	27 ft ²	
	12 ft ²		b . 16 ft ²		C.	18 ft²	d.	27 ft ²	9
a.		ə, which c				18 ft² en 3 and π ?	d.	27 ft ²	9
a .) . On a n		e, which c		ing wou	ld be betwe			27 ft ² $\sqrt{10}$	9
a .) . On a n	umber line	e, which c	of the follow	ing wou	ld be betwe	en 3 and π ?			9
a. D. On a n a.	umber line 29 9		bf the follow b. $\frac{2\sqrt{2}}{3}$	ring wou	ld be betwe c .	en 3 and π ?	d.	$\sqrt{10}$	10
a. 0. On a n a. 1. Whic is	umber line 29 9		bf the follow b. $\frac{2\sqrt{2}}{3}$	ring wou	ld be betwe c .	ten 3 and π ? $2\sqrt{3}$	d.	$\sqrt{10}$	10
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a. 50% **b**. 66% **c**. 73% **d**. 125%

25 OUCESTIONS EOG REVIEW #5 EOG REVIEW 13. Which of the following points is on the line which passes through (2, 6) and (-2, 14)? a. (1, 7) b. (0, 11) c. (-1, 13) d. (-3, 16) 14. What are the coordinates of the point where $2x - y = 6$ crosses the x-axis? a. (3, 0) b. (-3, 0) c. (-6, 0) d. (-6, 0) 14 15. A small cylinder holds one gallon of water. How many gallons would it take to fill a cylinder that is twice as tail with twice the radius of the smaller cylinder? a. 2 gallons b. 4 gallons c. 6 gallons d. 8 gallons 15 16. On the graph of the inequality $2x - y > 3$, which of the following points is contained within the shade region? a. (3, 3) b. (-3, -3) c. (-3, 3) d. (3, -3) 16 17. Lois is creating a presentation comparing swimming pool attendance to a variety of other factors using scatter plots. Which of the following variables was likely used on the x-axis to create the scatter plot below gggggggggggggggggggggggggggggggggggg			Name	Period
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rectangle's area if its perimeter is 48 inches.				18
a. 90in ² b. 119in ² c. 152in ² d. 495in ²			nan twice the length of	the short side. Find the
	a. 90in ²	b. 119in ²	c. 152in ²	d. 495in ²

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25	Ques	stior	ns EOC	GRev	iew#	5	EOG	REVI	EW
20 . S	Solve for x:	14-3.	x > 22 + 1	x					
	a . <i>x</i> <	≍ − 2	b.	<i>x</i> < 2	C.	x > -2	d.	<i>x</i> > 2	
							d is dilated to ne scale facto		
	a. $\frac{2}{3}$		b.	$\frac{3}{2}$	C.	$\frac{4}{3}$	d.	$\frac{3}{4}$	
22 . V		1				e table below	to the tenth	?	
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Mark': 24 . V	The shadow s shadow, w a. 200 f Vhich is the a. 5cm	which is 1 feet e closest a	ding is 950 9 feet long. b. 3 approximate b. 2	feet long. <i>A</i> If Mark is o 300 feet e of the side 25cm	At the same t 6 feet tall, w c. e length of a	time, you me hat is the ap 600 feet square whos 12.5 cm	easure the ler proximate he d. se area is 500	ngth of you eight of the 3000 feet cm²?	building