SBAC MATH & ANSWERS Expressions & Equations: Exponents Practice A

Name _____

_ Period ____ Date ____

EXPRESSIONS & Equations:Exponents

]	Example Stem: Select all expressions equivalent to $(4^5 \cdot 4^{-3})^{-2}$.	A and C
	A. $\frac{1}{256}$ B. 256 C. $4^{-10} \cdot 4^{6}$ D. $4^{3} \cdot 4^{-5}$	
2	Example Stem: Enter the value of <i>n</i> that makes the equation $4^5 \cdot 4^n = 4^{15}$ true.	10
3	Example Stem 1: Select all possible values for x that solve the equation $x^2 = 200$. A. $10\sqrt{20}$ B. $100\sqrt{2}$ C. $10\sqrt{2}$ D. $\sqrt{200}$	C and D



SBAC MATH & ANSWERS Expressions & Equations: Exponents Practice A

Name	e Period Date	
4	Example Stem 2: Select all possible values for x in the equation $x^2 = 200$.	A and D
	A. $10\sqrt{2}$ B. $10\sqrt{20}$ C. $20\sqrt{10}$ D. $-10\sqrt{2}$ E. $-10\sqrt{20}$ F. $-20\sqrt{10}$	
5	Example Stem: Select all possible values for x in the equation, $x^3 = 250$. A. $5\sqrt[3]{2}$ B. $\sqrt[3]{250}$ C. $5\sqrt[3]{10}$ D. $25\sqrt[3]{10}$	A and B
6	Example Stem: How many times larger than 2×10^3 is 6×10^6 ? A. 3×10^2 B. 3×10^3 C. 6×10^6 D. 12×10^9	В
7	Example Stem 1: Approximately 7.5×10^5 gallons of water flow over a waterfall each second. There are 8.6×10^4 seconds in 1 day. Enter the approximate number of gallons of water that flow over the waterfall in 1 day. A. 6.45×10^{21} B. 6.45×10^{20} C. 6.45×10^{10} D. 6.45×10^9	C



SBAC MATH & ANSWERS Expressions & Equations: Exponents Practice A

Name	e Period Date	
8 Claim 2	Example Stem 2: Which value is closest to $(6 \times 10^6) + (2 \times 10^4)$? A. 8.0×10^{10} B. 8.0×10^6 C. 6.0×10^{10} D. 6.0×10^6	D
q	Example Item 3D.2b (Grade 8) Primary Target 3D (Content Domain EE), Secondary Target 1B (CCSS 8.EE.A), Tertiary Target 3C	$(\frac{a}{b} > 1 \text{ and } \frac{c}{d} < 1)$
CLAIM 3	Maggie claims that when you raise a whole number to a power, the result is always a greater number. That is, $s^n > s$. For example: $4^3 > 4$ $5^4 > 5$ $10^9 > 10$ Maggie's claim is not true for all values of n and s . For what values of n and s is Maggie's claim true? Complete the inequalities $s > [$ $n > [$	



Name _____

Period ____ Date ____

F: Analyzing A

FUNCTIONS: ANALYZING A



Test Writers Guidelines Zip File Functions E

Name	e Period Date	
2	Select all that apply Example Stem: Which equation defines p as a function of t ? A. $p = 3t + 2$ B. $t = 3p + 2$ C. $p = 0t + 2$ D. $t = 0p + 2$	A, B and C
3	Example Stem 1: Select all ordered pairs that correspond to input- output pairs for the function $y = -6x + 7$. A. (1, 1) B. (-1, 1) C. (-6, 7) D. (3, -11)	A and D
ų	Example Stem 2: A swimming pool had 30 gallons of water in it. Then water was added to the pool at a rate of 5 gallons per second. The function y = 5t + 30 describes the relationship between the number of gallons, y, and the number of seconds water was added, t. Select all of the ordered pairs that correspond to input-output pairs for the function. A. (45, 3) B. (3, 45) C. (0, 30) D. (30, 0) 	B and C

F: Analyzing A

Name	Period Date	
5	Example Stem 1: Consider the function represented by this table of values. $ \frac{x y}{-4 -10} $ $ \frac{-3 -7}{-2 -4} $ $ \frac{-1 -1}{0 2} $ Which function could have produced the values in the table? A. $y = -x - 14$ B. $y = -3x + 2$ C. $y = 3x - 22$ D. $y = 3x + 2$	D
6	Example Stem 2: A swimming pool has 30 gallons of water in it. Water is added to the pool at a rate of 5 gallons per second. Which equation models the relationship between W , the number of gallons of water, and t , the number of seconds water is being added to the swimming pool? A. $W = 30t + 5$ B. $W = 5t + 30$ C. $W = t + 35$ D. $W = 35t$	В







Name		Period _	Date	9	
8	Example Stem: Several functions are Determine whether each function could		the table.		L N
	Function	Could be linear	Cannot be linear		L
	$y = \frac{3}{4}x + 2$				
	60 40				
	x y -2 5 -1 9 0 13 1 17 2 21				
9 Claim 2	Grades 6-8, Claim 2 Example Item 2B.1c (Grade 8): Primary Target 2B (Content Domain F), Secondary Target 1E (C	CCSS 8.F.A)		Balance sment Consorti	
	This table shows some values of a linear function. $ \begin{array}{c c} $	-8 -6 -4 -2	y 8 6 4 2 0 2 4 6 8 +	x	
	Use the Add Arrow tool to draw the graph of a different function that has the same rate of change as the one shown in the table of values.		-2 -4 -6 -8		



Name _____ Date _____



Name _____ Period _____ Date _____

FUNCTIONS: MODELING A

1	Example Stem 1: This table of values represents a linear function.	y=-½x-5
	x y 2 -6 3 -6.5 8 -9	or
	Enter an equation in the form $y = mx + b$ that represents the function.	y=-0.5-5
2	Example Stem 2: This graph represents a linear function.	y=-4x+2
	Enter an equation in the form $y = mx + b$ that represents the function.	
3	Example Stem 3: A swimming pool with 1600 gallons of water is emptied at a constant rate of 300 gallons every 2 hours.	y=-150x+1600
	Enter an equation in the form $y = mx + b$ that represents the amount of water y, in gallons, remaining in the pool after x hours.	

F: Modeling A

Nam	e	Period Date	
4	Example Stem 1: In this table, y is	a linear function of x.	-5
	x	y	
	0	50	
	2	40	
	4	30	
	6	20	
	Enter the rate of change of this funct	tion.	
5	Example Stem 2: This table shows function of time.	water level in a tank as a linear	-5
	Time (hr)	Water Level (ft)	
	0	50	
	2	40	
	4	30	
	6	20	
	Enter the rate of change of the wate	er level, in feet per hour.	
6	Example Stem 3: This graph shows function of time.	s water level in a tank as a linear	30
	Water Tank leve	1	
		•	
	£ 35 		
	Mater leve		
	<u> <u> </u> <u> </u> <u> </u> 20- <u> </u> 15- <u> </u> </u>		
	ā 10+		
	y		
		- + •	
	1 2 3	4	
	Time (hrs)		
	Enter the initial water level, in feet, o	of the water tank.	

the po T 1 T	mine whether each statement about the amount is true. Select True or False for each stat statement he initial amount of water in the pool is 600 gallons.			F
Т 1 Т	he initial amount of water in the pool is 600 gallons.	True	False	
Т 1 Т	he initial amount of water in the pool is 600 gallons.	1		
	he amount of water in the pool decreases y 150 gallons every 1 hour.			
	he amount of water in the pool at 3 hours \$ 450 gallons.			
1 Lemperatu	00 50 00 50 0 1 2 3 4 5 Time (hrs) on the graph, determine whether each stat	ement i	s true.	
Select	True or False for each statement.	-		
-	Statement	True	False	
	he water temperature is increasing etween hour 1 and hour 2.			
h		-		
	he water temperature is increasing			





F: Modeling A

Name	Period Date	
LL CLAIM 2	 Example Item 2A.3d (Grade 8): Primary Target 2A (Content Domain F), Secondary Target 1E (CCSS 8.F.A), Tertiary Target 2D Helga wants to have a lot of helium-filled balloons at her party. The helium tank costs \$58 to rent. Balloons cost \$0.29 each. She wants to have 5 helium-filled balloons for each party guest. Enter an equation that represents the total cost, <i>C</i>, in dollars of the helium-filled balloons for <i>n</i> party guests. 	C=58+1.45n
12 Claim 4	Example Item 4D.1a (Grade 8) Primary Target 4D (Content Domain F), Secondary Target 1F (CCSS 8.F.B), Tertiary Target 4C This graph shows the average number of words a child can say from birth to 36 months. Number of Words a Child Can Say 1200 0 1200 <	С
13 Claim 4	Example Item 4E.1b (Grade 8) Primary Target 4E (Content Domain F), Secondary Target 1F (CCSS 8.F.B), Tertiary Target 4F, Quaternary Target 4D Cory is buying copper for a construction project. He pays \$1.85 per pound of copper for the first 100 pounds. He pays \$1.75 per pound of copper for every pound over 100 pounds. Cory calculated that it would cost \$228.75 to purchase 125 pounds of copper. He wrote an equation that allows him to determine the cost of copper for any number of pounds of copper over 100 pounds. His equation is in the form $y = n(x - 100) + p$ where y is the amount of money, in dollars, Cory pays for x total pounds of copper when x is greater than 100. What are his values for n and p? Enter the value of n in the first response box. Enter the value of p in the second response box.	n = 1.75 p = 185

Name _			Period _	Date	
14 Claim 4	Example Item 4E.2a (Grade 8) Primary Target 4E (Content Domain F), Secor (Source: Adapted from Illustrative Mathemati	ndary Target 1F (CCS cs 8-F Modeling with	SS 8.F.B), Tertiary a Linear Function)	Target 4F, Quaternary Target 4D	C and E
CLAIM	Select all situations that can be modeled by t	he linear equation y	= 2x + 5.		-
	A. There are initially 5 rabbits on a farm. before. How many rabbits are there af		ter the number of r	abbits is 2 times the number in the m	IC
	B. Joe earns \$2 for each magazine sale. I money will he earn after selling magaz		each hour he spend	ds trying to sell magazines. How much	1
	C. Sandy charges \$2 an hour for babysitt the parents arrived home late, how me			ve home later than scheduled. Assum	ir
	D. The Reader's Club is a members-only fee. How much would Laney owe on here				r
	E. Andre is saving money for a new CD p How much money will he have saved a			nd will continue to save \$2 each week	•
15	Example Item 4E.2b (Grade 8) Primary Target 4E (Content Domain F), Seconda	ary Target 1F (CCSS 8	.F.B), Tertiary Targel	t 4D	D
Claim 4	The table shows the relationship between the av average grade.	verage number of hour	s students studied fo	or a mathematics test and their	
	Hours Average Studied Grade				
	0 62				
	1 78				
	2 85				
	5 74				
	Which type of function is most likely to model th	ese data?			
	 A. linear function with positive rate of changes B. linear function with negative rate of changes 	ge			
	C. non-linear function that decreases then i D. non-linear function that increases then d				
	D. non-inear function that increases then u	ecreases			
					-
16	Example Item 4F.1c (Grade 8) Primary Target 4F (Content Domain F), Secon	ndary Target 1F (CC	SS 8.F.B), Tertiary	Target 4D	
Claim 4	The relationship between Jack's distance from	n home and the time	e since he left hom	e is linear, as shown in the table.	F
	Time (hrs) Distance (mi)				1
	0 7.5				
	2 17.5				
	4 27.5				
	Based on the values in the table, determine v	whether each statem	ent is true. Select	True or False for each statement.	
	Statement		False		
	Jack's initial distance from home is 7.5 m				
	Jack's distance increases by 5 miles ever Jack's distance from home at 3 hours is 3				
					-

Name _____ Date _____

Name _____ Period ____ Date ____

GEOMETRY: PYTHAGOREAN THEOREM A

]	Example Stem 1: A right triangle is shown. 1 1 2.4	2.6
	Enter the value of x.	
2	Example Stem 2: A right square pyramid is shown. The height of the pyramid is 4 units. The distance from the center of the base of the pyramid to vertex D is 3 units, as shown. A B B C Enter the length of segment <i>AD</i> , in units.	5

G: Pythagorean Theorem A

	Name		_ Period	Date	
3	Example Stem 3: A 13-foot ladder is of the ladder is on the ground at a dist the tree. The base of the tree and the shown.	ance of ground	5 feet from t form a right	the base of angle as	12
4	Example Stem: The table shows the solution of the side lengths described by the side lengths described by the side lengths described by the side lengths. Select Yes if it is a right triangle. Select triangle. Select Yes if it is a right triangle. Select triangle. Select Yes if it is a right triangle. Select Yes if it is a right triangle. Select Yes if it is a right triangle. Select triangle. Select Yes if it is a right triangle. Select triangle. Select Yes if it is a right triangle select triangle. Select Yes if it is a right triangle select triangle. Select Yes if it is a right triangle select triangle. Select Yes if it is a right triangle select triangle. Select Yes if it is a right triangle select triangle. Select triangle select	efine a r	right triangle.		N N Y

G: Pythagorean Theorem A

N	ame Period Date	
5	Example Stem 1: A coordinate plane is shown with labeled points.	C
6	 D. 14 Example Stem 2: What is the distance between points (5, 2) and 	С
6	(-3, -4) on the coordinate plane? A. 5 B. 6 C. 10 D. 14	

G: Pythagorean Theorem A



No	ame Period Date	_
9	Example Item 2A.4a (Grade 8): Primary Target 2A (Content Domain G), Secondary Target 1H (CCSS 8.G.B), Tertiary Target 2D	4
Claim 2	Two sides of a right triangle have lengths $\sqrt{10}$ centimeters and $\sqrt{6}$ centimeters. There are two possible lengths for the third side. Enter the longest possible side length, in centimeters, for the third side of this triangle.	

G: Pythagorean Theorem A

Name _____

Period _____ Date ____

GEOMETRY: TRANSFORMATIONS A

]	Example Stem 1: Line segment <i>DE</i> is translated left 3 units and down 2 units to form line segment $D'E'$.	10
	$D \bullet 6 + \bullet E + \bullet $	
2	Enter the distance, in units, between point <i>D</i> ' and point <i>E</i> '. Example Stem 2: Line segment <i>FG</i> begins at (-2, 4) and ends at	7
-	(-2, -3). The segment is translated left 3 units and up 2 units to form line segment $F'G'$. Enter the length, in units, of line segment $F'G'$.	

G: Transformations A

Name	Period	Date
		Duic

				Т
	A 8-			1
	B C -8-6-4-20 2 4 6	x		
	-8-6-4-20 2 4 6	-* c'		
	-4+			
	-6- V			
	-8			
Select True or	False for each statement.			
	Statement	True	False	
	he same measure as angle B' .			
	ger than side A'C'.			



	Name	F	Period	Date	
5	Consider the statements in the table show	A'			T F T
	each statement about the sequences of tr verify that triangle ABC is congruent to tr			it can	
	Statement	True	False	1	
	Triangle ABC is translated 12 units to the right, followed by a reflection across the x-axis.				
	Triangle ABC is a reflected			1	
	across the y-axis, followed by				
	a translation 12 units down.			3	
	Triangle ABC is reflected				
	across the x-axis, followed by a translation 12 units to the right.				

Name	Period	Date	
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Period ____ Date ____ Name _____ A'=(-12,-12) Example Stem: Triangle ABC is reflected across the x-axis, and dilated by a scale factor of 2, with the origin as the center of the dilation. B'=(-16,-4) C'=(-8,-4) y 8 Δ 6 4 2 в С X 20 ż 4 6 8 -8 - 6-4 2 4 6 8 Click the numbers to give the coordinates of vertices A'B'C'. Interaction: The student will click on numbers and positive/negative signs to give coordinates. A'=(B'=()) , , 0123456789 0 0123456789 0 123456789 123456789 + + + + --C'=() 0 0123456789 123456789 + + _

Name _____ Date _____

9	Example Item 3D.1b (Grade 8) Primary Target 3D (Content Domain G), Secondary Target 1G (CCSS 8.G.A), Tertiary Target 3G	A, B and C
CLAIM 3	 Select all of the following situations that show that Figure <i>P</i> is congruent to Figure <i>Q</i>. A. There is a translation that takes Figure <i>P</i> to Figure <i>Q</i>. B. There is a rotation that takes Figure <i>P</i> to Figure <i>Q</i>. C. There is a reflection that takes Figure <i>P</i> to Figure <i>Q</i>. D. There is a dilation that takes Figure <i>P</i> to Figure <i>Q</i>. 	

Name _____ Period _____ Date _____

Name _____ Period _____ Date _____

GEOMETRY: VOLUME A

1	Example Stem 1: This figure shows the dimensions of a tanker truck. The tank forms a cylinder with a length of 32 feet and radius of 4 feet. $ \underbrace{\int r = 4 \text{ ft.}}_{32 \text{ ft.}} $ What is the volume, in cubic feet, of the tank? Round your answer to the nearest hundredth.	1608.50
2	Example Stem 2: A spherical baseball has a radius of 2 inches, as shown in the diagram. v = 2 in. What is the volume, in cubic inches, of the baseball? Round your answer to the nearest hundredth.	33.51



Name	Period Date	
5	Example Stem 2: A cone with radius 4 feet is shown. Its approximate volume is 165 cubic feet.	9.85
6 Claim 4	Example Item 4A.2b (Grade 8) Primary Target 4A (Content Domain G), Secondary Target 1I (CCSS 8.G.C), Tertiary Target 1A (CCSS 7.RP.A), Quaternary Target 4B An empty tank in the shape of a cylinder is being filled with water. The tank is filled at a constant rate for a total of 10 hours. The figure shows the height of water in the tank at the given number of hours after filling started. 19 feet $\frac{3}{4} \text{ full}$ $\frac{1}{2} \text{ full}$ $\frac{3}{4} \text{ full}$ $\frac{3} \text{ full}$ $\frac{3}{4} \text{ full}$ $\frac{3}{$	94% Height after 10 hours 30 Volume 8500
7 Claim 2	Grades 6-8, Claim 2 Example Item 2A.4b (Grade 8): Primary Target 2A (Content Domain G), Secondary Target 1I (CCSS 8.G.C), Tertiary Target 2D A sphere and the base of a cone have a radius of 3 inches. The volume of the sphere equals the volume of the cone. What is the height of the cone, in inches? Enter the height, in inches.	12
8 Claim 2	Example Item 2A.4c (Grade 8): Primary Target 2B (Content Domain G), Secondary Target 1F (CCSS 8.G.C), Tertiary Target 2D A right cylindrical tank has a height of 10 feet and a radius of 4 feet. Jane fills this tank with water at a rate of 8 cubic feet per minute. Using this rate, determine the number of minutes it will take Jane to completely fill the tank. Enter your answer, rounded to the nearest minute, in the response box.	63

Name _____ Date _____



Name _____

Period ____ Date ____

NUMBER SYSTEMS: RATIONAL & Irrational Numbers A

1	Example Stem: or irrational num		for each nu	umber whethe	er it is a rational	R
		Number	Rational	Irrational		R
		4 7				I
		√30				R
		$\frac{21}{\sqrt{4}}$				
		π -27				
2	Example Stem: numbers for num				Use only whole	2/9
3	Example Stem: $\sqrt{167}$?	Which nun	nber is the o	closest appro	ximation to	В
	A. 12 B. 13 C. 83					
	D. 84					
4	Example Stem: tenth.	Enter the a	approximate	e value of 2√4	47 to the nearest	13.6

Nam	e Period Date	
5	Example Stem: Which range contains the value of $\sqrt{(16 + 9 + 20)}$? A. between 6.6 and 6.8 B. between 7.5 and 7.7 C. between 16.8 and 17.0 D. between 22.4 and 22.6	A
6 Claim 4	Example Stem: Select all expressions that have a value greater than 5. A. 2π B. $\frac{10}{\sqrt{3}}$ C. $3 + \sqrt{2}$ D. $5.7 - \frac{6}{\sqrt{20}}$	A B
7	Example Stem: Select True or False to indicate whether each comparison is true.	F F
	TrueFalse $\frac{4}{7} > \sqrt{19}$ $\sqrt{40} > 7$ $\frac{20}{\sqrt{30}} > \frac{2}{3}$	Т
8	Example Stem: Use the Add Point tool to approximate the value of $\sqrt{78}$ to the nearest tenth on the number line. 7 7.5 8 8.5 9	8.8

Period ____ Date ____ Name _____ Q Box 1 Example Stem: Drag each expression to the number line to show the approximate value. 2π Box 2 2114 3 5 6 7 8 9 10 13 14 0 2 4 11 12 15 3√10 $2\sqrt{14}$ 2π Box 3 3√10 10 В Example Item 3A.2b (Grade 8) Primary Target 3A (Content Domain NS), Secondary Target 1B (CCSS 7.NS.A), Tertiary Target 3G Π CLAIM 3 Franco said that for any values a, b, and c the equation $a^2 + b^2 = c^2$ is always true. Mary disagrees. Which of the following values for a, b, and c support Mary's claim? Select all that apply. a = 6, b = 8, c = 10Α. B. a = 2, b = 4, c = 6C. a = b = c = 0D. a = -2, b = 2, c = 0]] Example Item 3B.1b (Grade 8) А Primary Target 3B (Content Domain NS), Secondary Target 1B (CCSS 7.NS.A), Tertiary Target 3C В CLAIM 3 The numbers a, b, and c are **not** zero and $a \cdot b = c$. D Part A Click on the equation below that must also be true. F A. $-a \cdot b = c$ $a \bullet - b = c$ Β. $-a \cdot -b = c$ C. D. $-a \bullet - b = -c$ Part B Choose four statements that support your claim. A. $-a = (-1) \cdot a$ B. $-b = (-1) \cdot b$ C. $-c = (-1) \cdot c$ D. $(-1) \cdot (-1) = 1$ E. $(-1) \cdot (1) = -1$ F. You can multiply numbers in any order.

Name _____ Period _____ Date _____

Name _____

Period ____ Date ____

STATISTICS & PROBABILITY: BIVARIATE DATA A







SP: Bivariate Data A



No to to The real Cell F	the two surv Do you hav Do you hav sults of the	vey questions sl ve a cell phone? ve an MP3 playe survey are show	Yes No er? Yes No	I answered Yes o	r A			
The res	the two surv Do you hav Do you hav sults of the	vey questions sl ve a cell phone? ve an MP3 playe survey are show	nown. Yes No er? Yes No					
• The re: Cell F	Do you hav	ve an MP3 playe survey are show	er? Yes No					
The real of the re	Do you hav	ve an MP3 playe survey are show	er? Yes No					
The res	sults of the	survey are show						
Cell F			up in the table					
	Phone	MD2 Distor	The results of the survey are shown in the table.					
	Phone	MP3 Player	No MP3 Player	Total				
No Co	Flione	58	122	180				
	ell Phone	30	65	95				
Total	and the second	88	187	275				
B. C. D.	whether or	not they liked a	rveyed both adults a particular game. T		B			
are sh	own in the t	table.	Did not like the	ame Total				
Adul		28	20	48				
Child		54	98	152				
Tota	1	82	118	200				
who lil game? A. B. C.	ked the gam They are a The propor proportion The propor proportion	pproximately the tion of adults w of children who tion of adults w of children who ssible to compa	ompares the proportion of children where same. The same same is the game is the same of the game is the same is the same is the same is the same is the se proportion are these proportion.	vho liked the is <u>greater than</u> th is <u>less than</u> the	Ie			

to to the two sur		udents at a school hown.	answered	Yes or	D
		Yes No er? Yes No			
he results of the					
	MP3 Player		Total		
Cell Phone	58	122	180		
No Cell Phone	30	65	95		
no cen r none					
Total		187	275 e and ownir	ng an	

	A coach of a cross o ran at a meet two			JOT	A
	s than 8 hours of sle e a personal record i		Yes Yes	No No	
A summary of	the data is shown in 8 or more hours of sleep	the table. Less than 8 hours of sleep	Total	1	
Personal Record	28	20	48	1	
No Personal Record	54	98	152		
And a second		110	200		
achieving a per	82 an association betw sonal record for the	runners. Which sta		1	
The coach saw achieving a per provides evider A. About 3 sleep ac got less B. More th record g C. Only 25 meet.	an association betw	een the amount of runners. Which sta on? who got more than 8 ecord, but only 17% ep did. ers who achieved a of sleep. hieved a personal r	sleep and tement 8 hours o 5 of those personal	f e who	
The coach saw achieving a per provides evider A. About 3 sleep ac got less B. More th record g C. Only 25 meet. D. There is Example Item 3B.3c (M Primary Target 3B (Cont	an association betw sonal record for the nee for this associati 4% of the runners w hieved a personal re than 8 hours of slee an 50% of the runner to 8 or more hours % of the runners act no evidence for an	een the amount of runners. Which sta on? who got more than & ecord, but only 17% ep did. ers who achieved a of sleep. hieved a personal r association.	sleep and tement 8 hours o 6 of those personal ecord at	f e who the	answ

Name	Period Date	
10	Example Item 4D.1b (Grade 8) Primary Target 4D (Content Domain SP), Secondary Target 1J (CCSS 8.SP.A), Tertiary Target 4E	answer
CLAIM 4	This scatter plot and line of best fit show the relationship between the height and mass of 15 different dog breeds. The mass of the Afghan Hound is less than would be predicted by the line of best fit, and the difference between the predicted mass and the actual mass is greater than for any other breed. Click on the point in the scatterplot that corresponds to the Afghan Hound. Click on the point in the scatterplot that corresponds to the Afghan Hound. Click on the point in the scatterplot that corresponds to the Afghan Hound. Click on the point in the scatterplot that corresponds to the Afghan Hound. Click on the point in the scatterplot that corresponds to the Afghan Hound. Click on the point in the scatterplot that corresponds to the Afghan Hound. Click on the point in the scatterplot that corresponds to the Afghan Hound. Click on the point in the scatterplot that corresponds to the Afghan Hound. Click on the point in the scatterplot that corresponds to the Afghan Hound. Click on the point in the scatterplot that corresponds to the Afghan Hound. Click on the point in the scatterplot that corresponds to the Afghan Hound. Click on the point in the scatterplot that corresponds to the Afghan Hound. Click on the point in the scatterplot that corresponds to the Afghan Hound. Click on the point in the scatterplot that corresponds to the Afghan Hound. Click on the point in the scatterplot that corresponds to the Afghan Hound. Click on the point in the scatterplot that corresponds to the Afghan Hound. Click on the point in the scatterplot that corresponds to the Afghan Hound. Click on the point in the scatterplot that corresponds to the Afghan Hound. Click on the point in the scatterplot that corresponds to the Afghan Hound. Click on the point in the scatterplot that corresponds to the Afghan Hound. Click on the point in the scatterplot that corresponds to the Afghan Hound. Click on the point in the scatterplot that corresponds to the point the point the point the point the point the point the	
LAIM 4	Example Item 4E.1a (Grade 8) Primary Target 4E (Content Domain SP), Secondary Target 1J (CCSS 8.SP.A), Tertiary Target 4D, Quaternary 4B This scatter plot shows the lengths and the widths (in millimetres) of the eggs of some American birds. Sizes of Bird's Eggs	

SP: Bivariate Data A