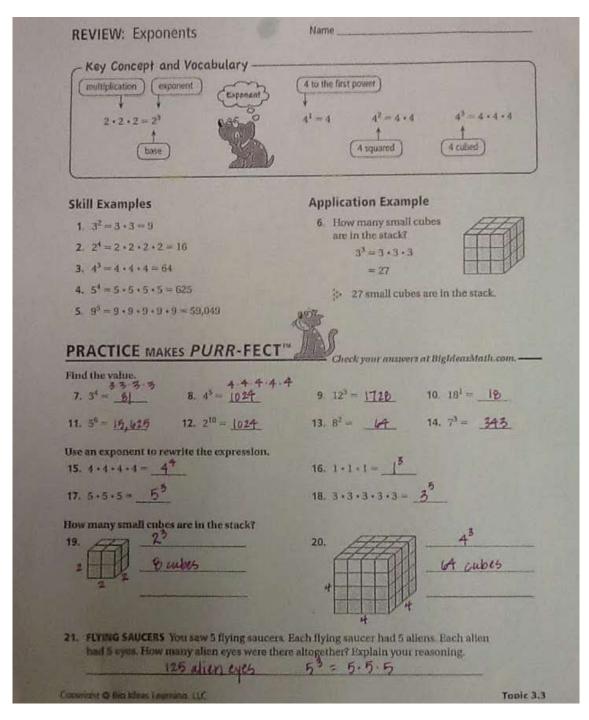
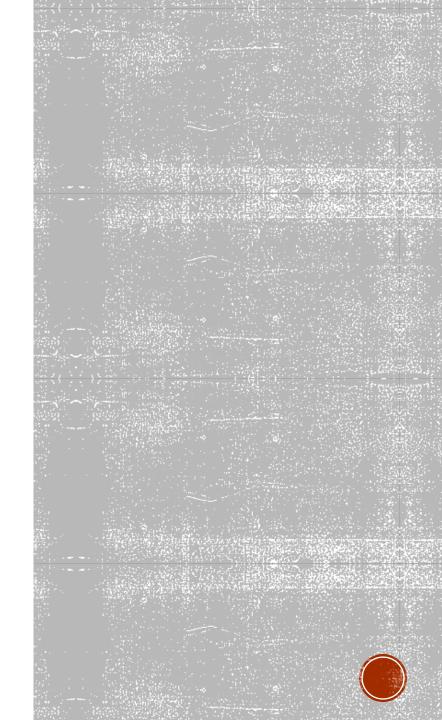
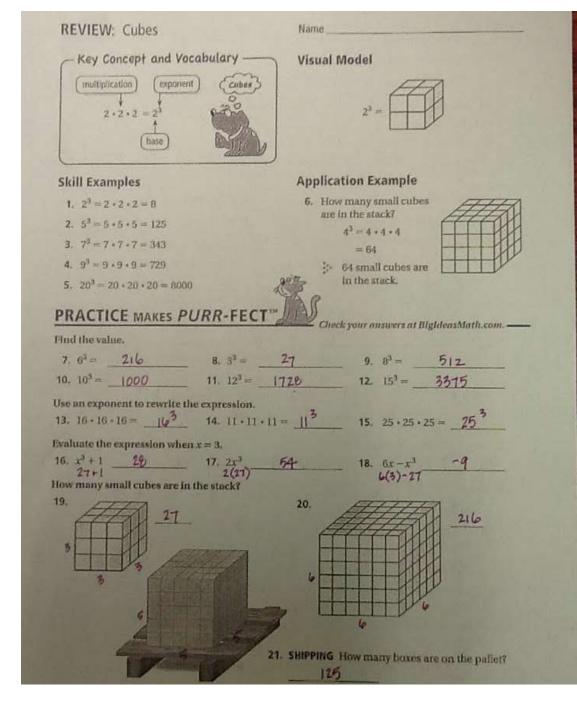
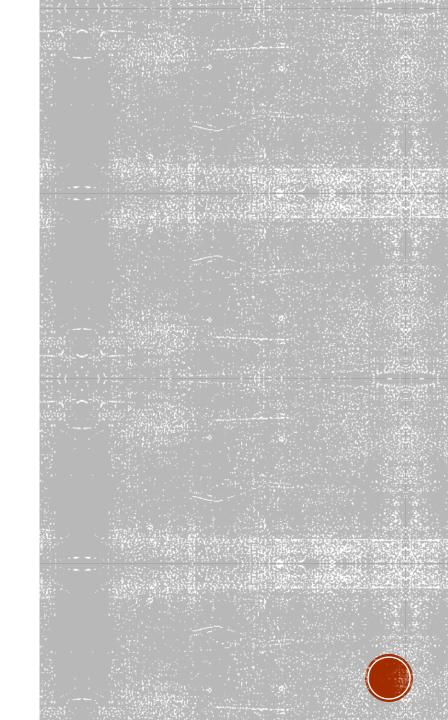


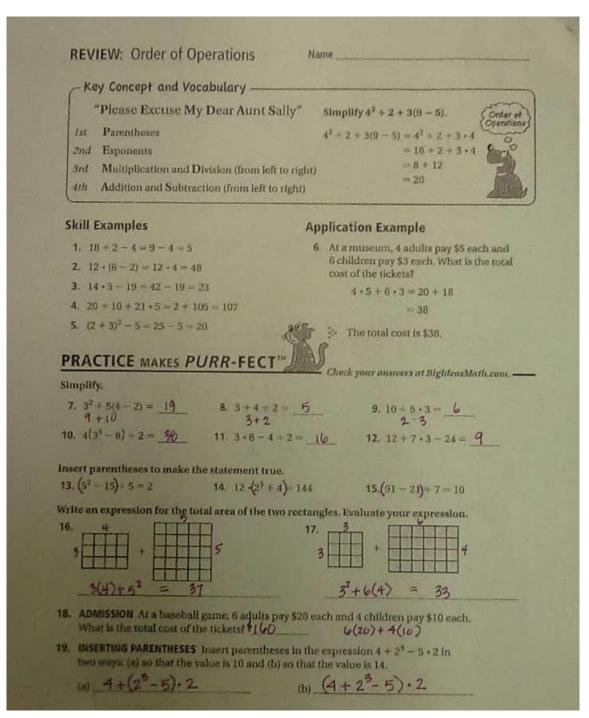
Summer Packet

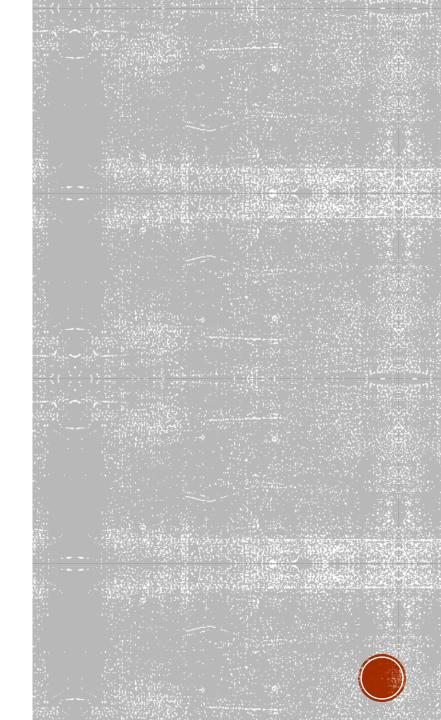


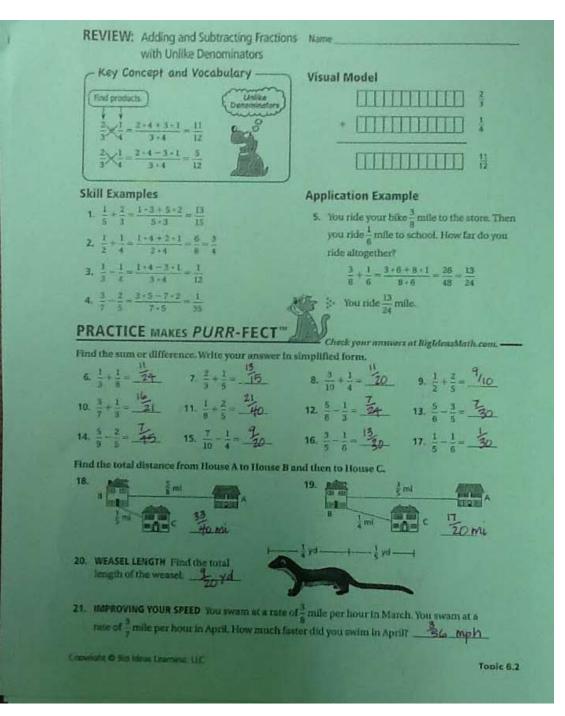


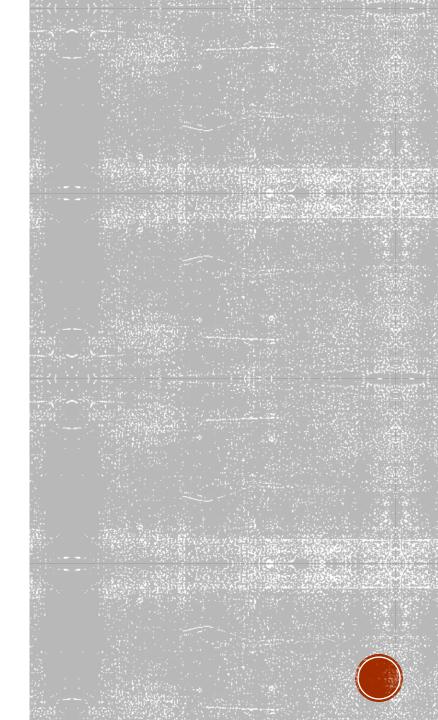


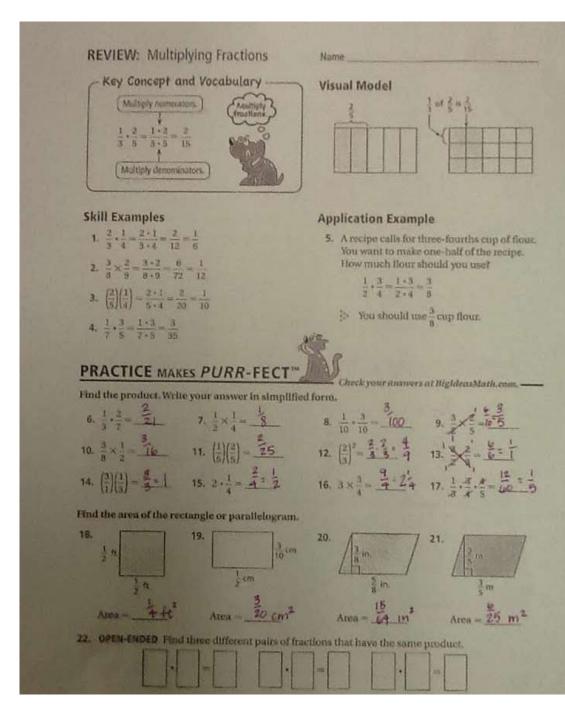




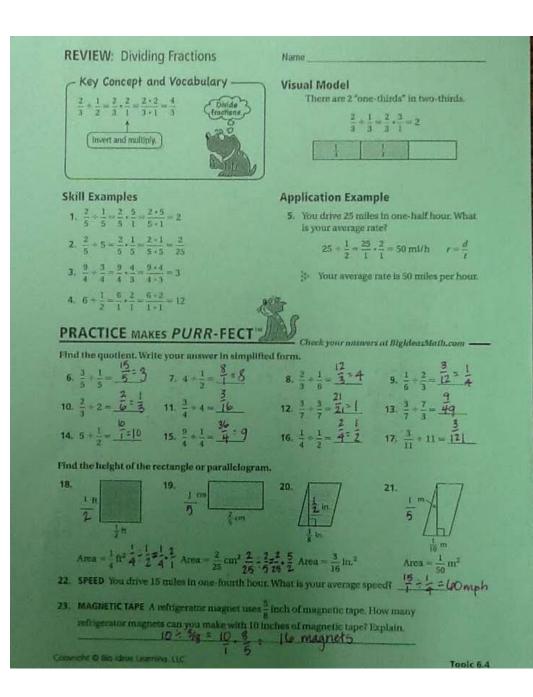


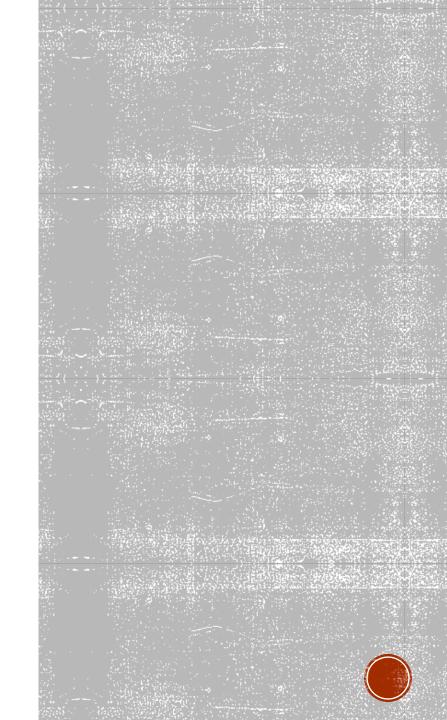


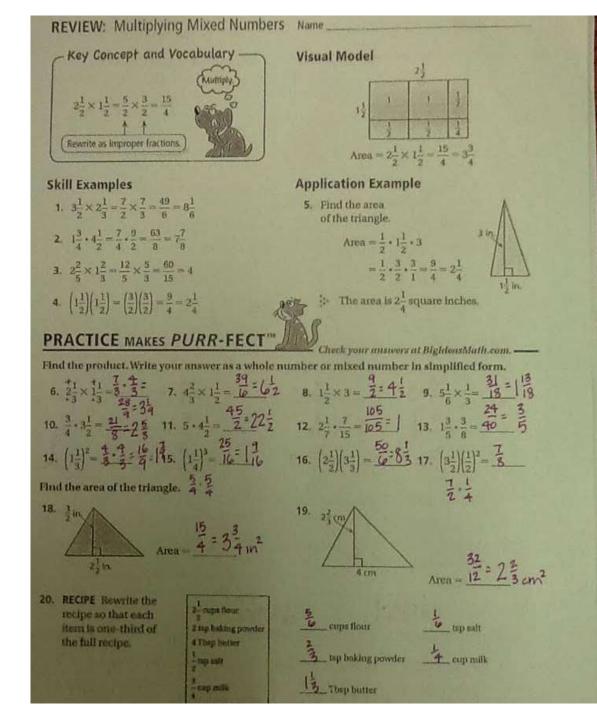


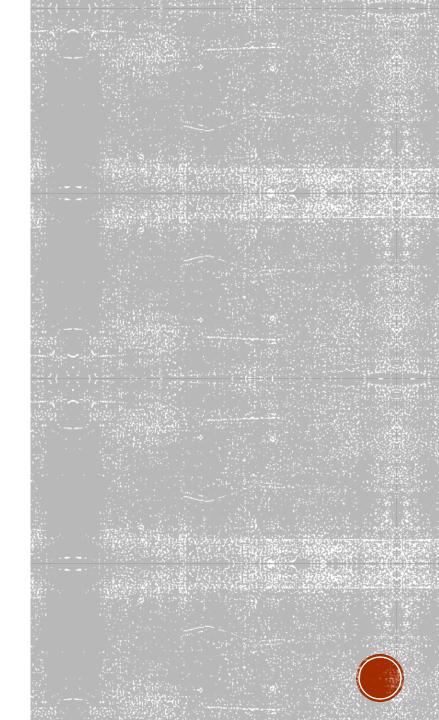


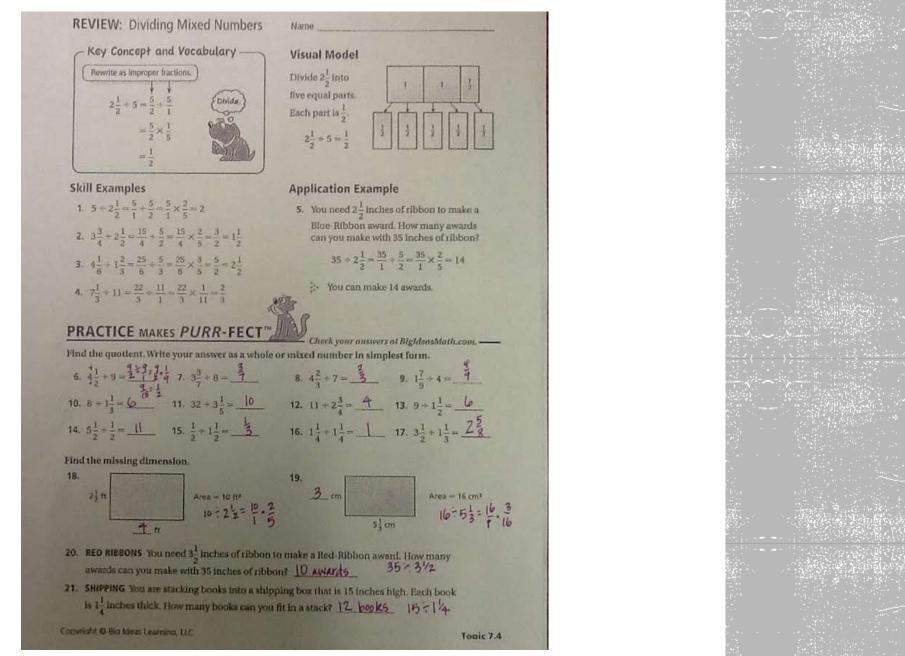




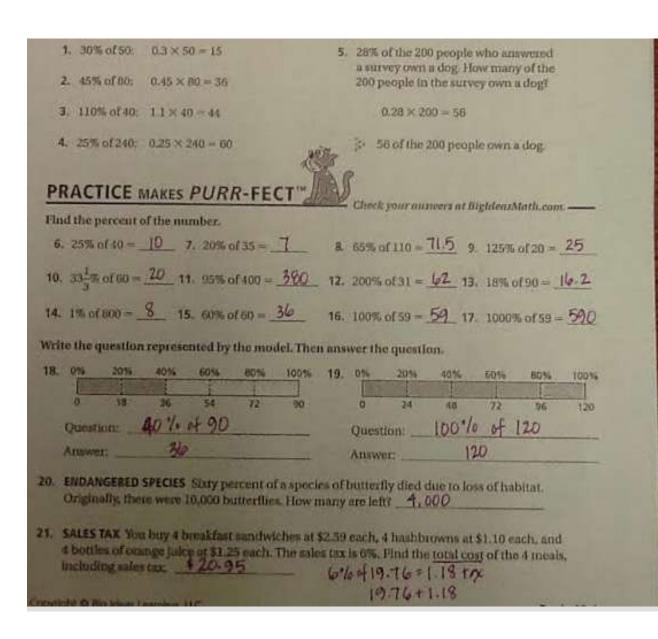


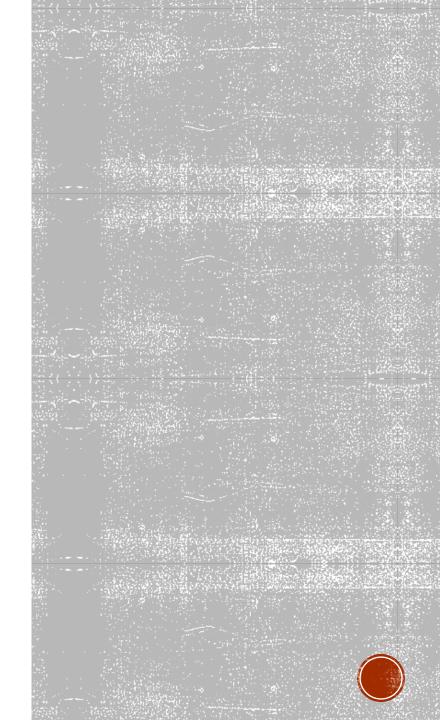


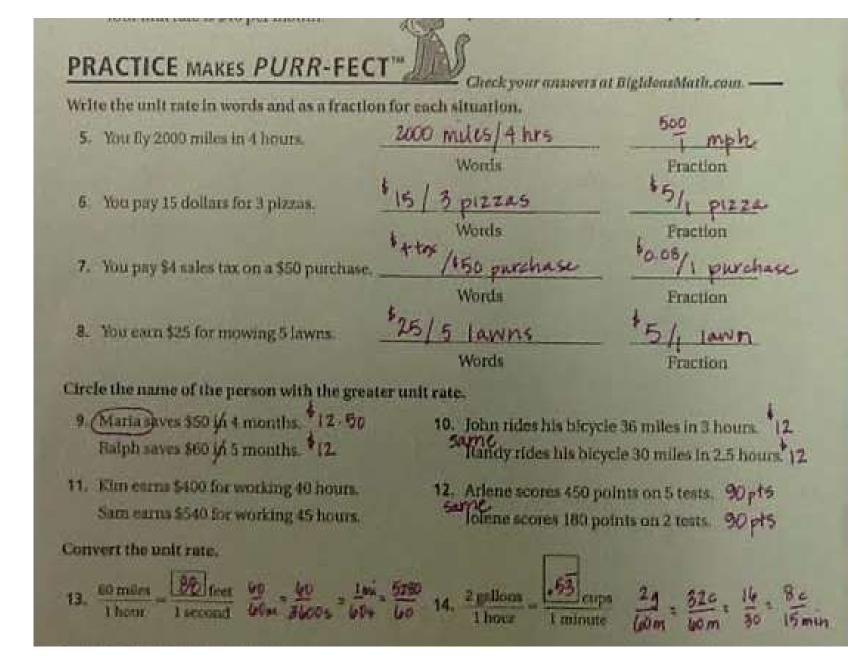




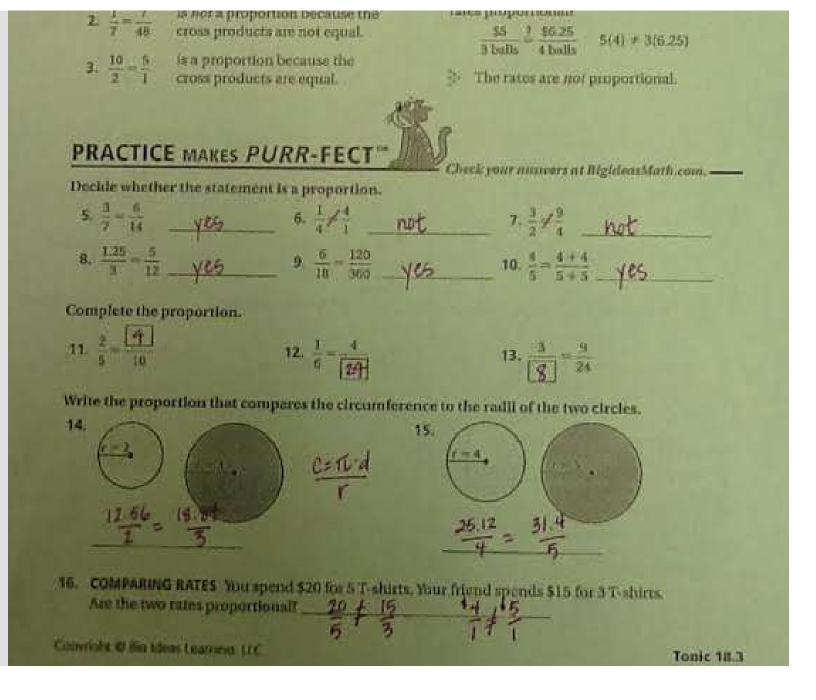


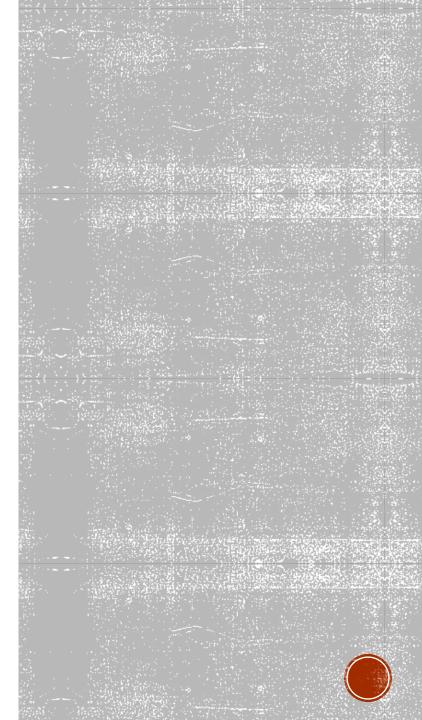










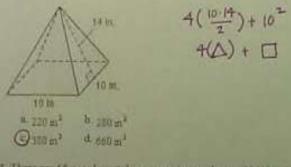


-0-3-4-3-2-1 0 1 2 3 4 8 8 a x > 4 b x 2 4 \bigcirc x \le 4 d x < 4

2. A muffin recipe calls for a ratio of 5 cups of flour to 2 cups of sugar. For each cup of sugar that is used, how many cups of flour are needed?

$$\sum_{n=1}^{\infty} copy of flow = \frac{b_n}{2} copy o$$

3/ What is the surface area of a square pyramid with base side lengths of 10 inches and a slant height of 14 inches



4. There are 65 people watching a movie at a theater. If 40% of the customers purchased refreshments for the movie, how many customers purchased refreshments? (3)26 customers b. 34 customers (3)26 customers d. 163 customers

5. Marcos needs to earn a grade higher than 88 on his final quiz in order to have an A average. Which inequality best represents this situation?

1. g≥23 (bg>88 cg<88 dg≤23

6. Which property is represented by the equation shown below?

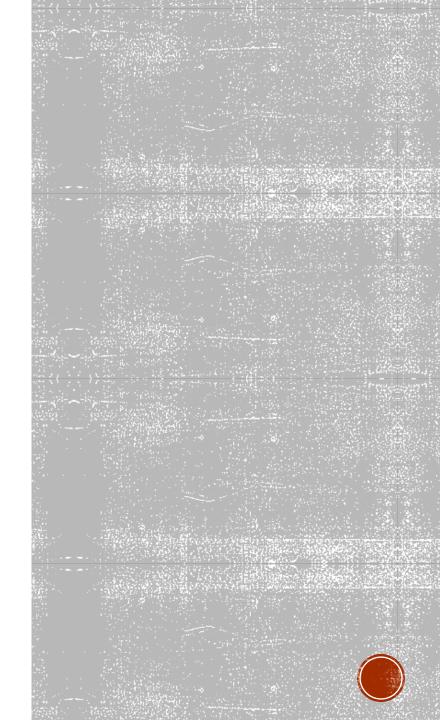
8-3-3.16

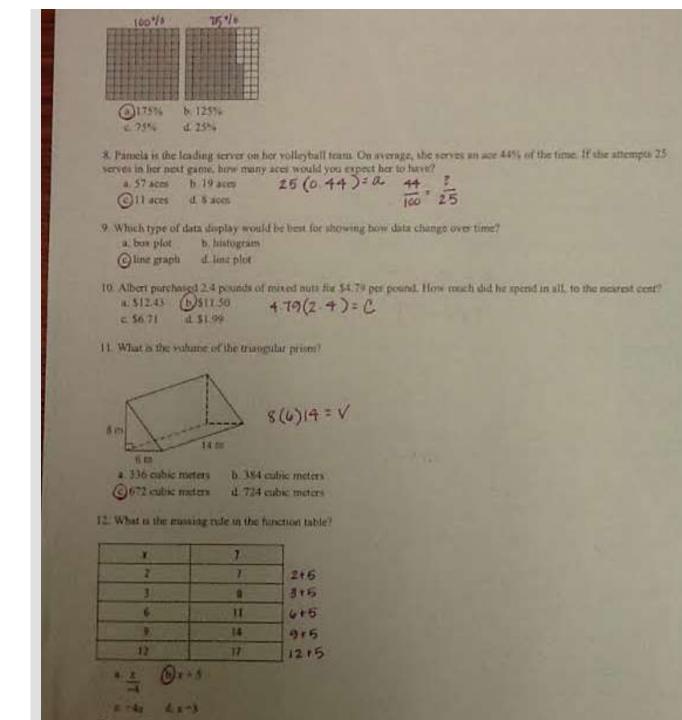
a Multiplicative Inverse Property

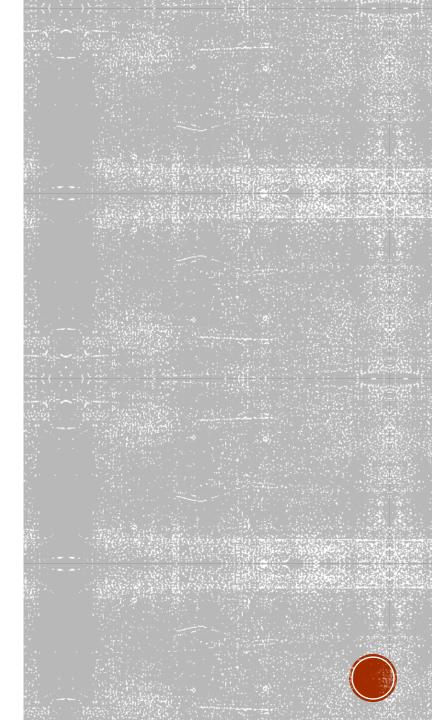
b. Multiplicative Identity Property

c. Associative Property of Multiplication

Committative Property of Multipleation







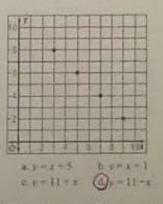
13. Mr. Addison is building a sandbox shaped like a rectangular prime. The sandbox is 8 feet long, 6 feet wide, and 1.5 feet deep. How many cobic feet of sand will the sandbox hold? $(1 - 1)^{-1} = 10^{-1}$

a. 15.5 cubic feet (5) 72 cubic feet c. 105 cubic feet d. 138 cubic feet

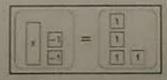
$$=$$
 $=$ $\int_{0}^{1} \int_{1.5}^{1} V = 4(8)$

14. A carpenter makes 4 table legs for each table that he builds. Which equation represents the relationship between the number of tables built *t* and the number of legs made *t*?

15. Which of the following equations represents the function graphed on the coordinate plane?

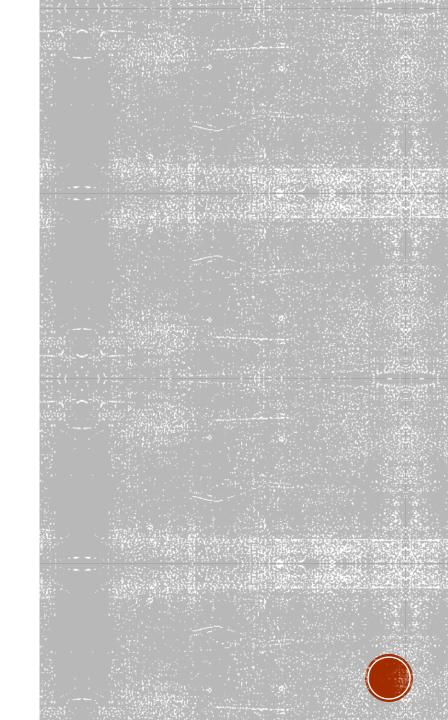


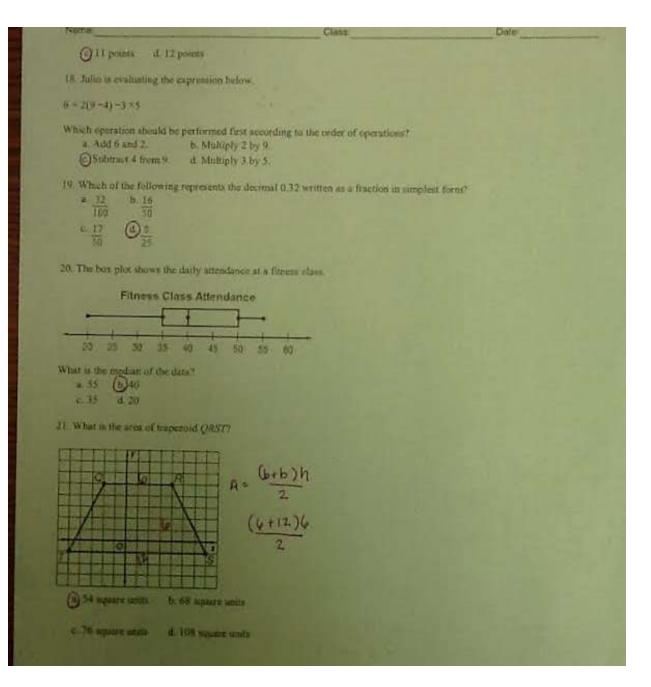
16. The algebra mult below models the equation x = 2 = 4.

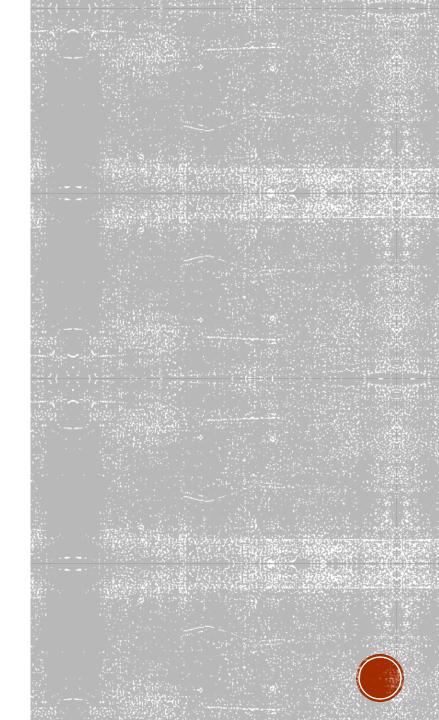


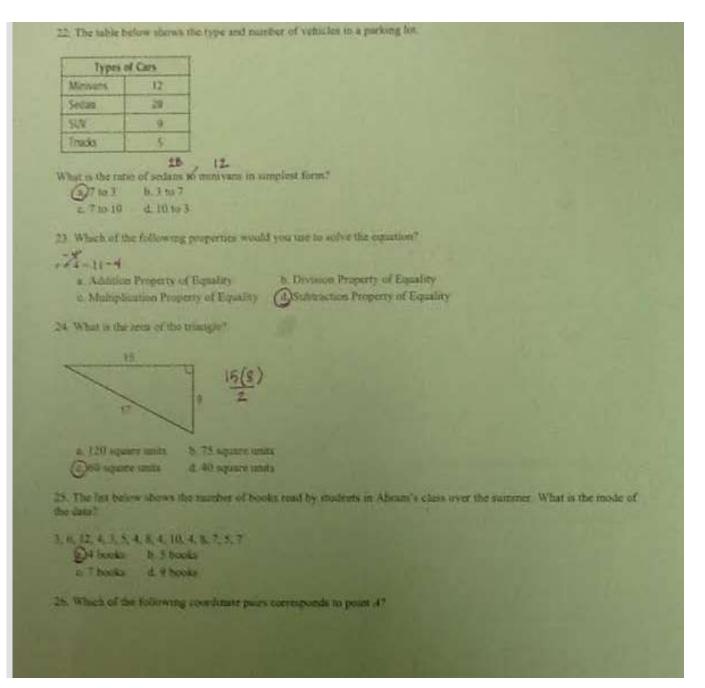
17. The table shows the number of points Anna scored this season. Find the mean number of points Anna scored.

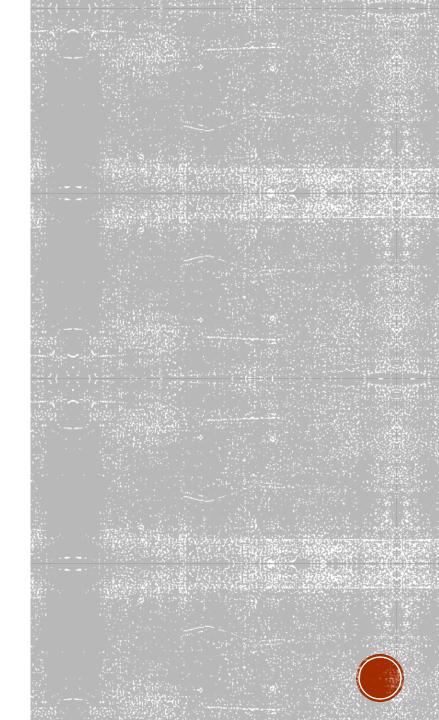
54m of points = 132 = 11 pte
#H games 12

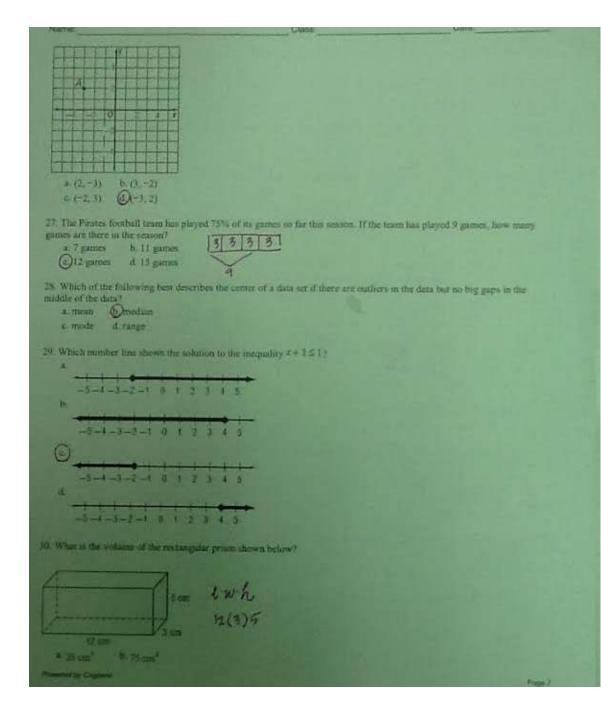


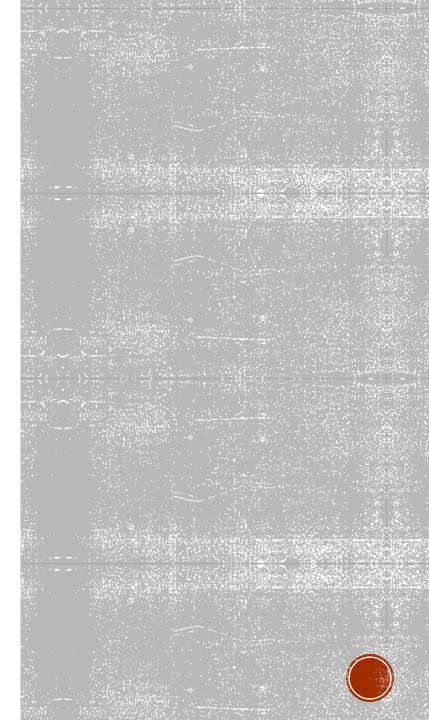










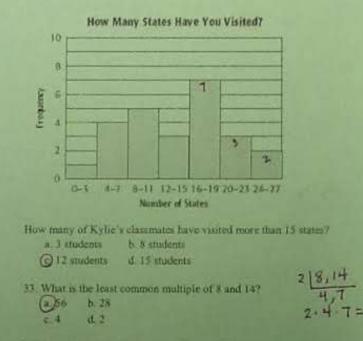


() 120 cm² d. 222 cm³

31. Which of the following integers has the least absolute value?

 a) -3
 b, 4
 c, 8
 d) -12

32. Kylie surveyed several classmates about the number of states they have visited. The results are shown in the histogram.



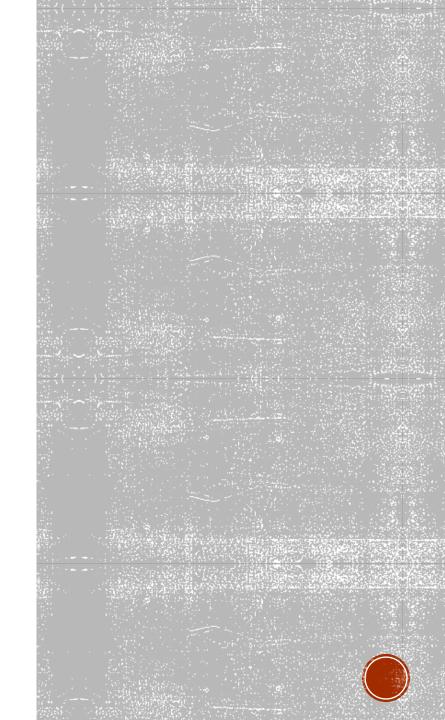
34. The ratio table shows the number of miles Karen can drive for 1, 2, 3, and 4 gallons of gasoline. Based on the table, how far would she be able to drive on 8 gallons of gasoline?

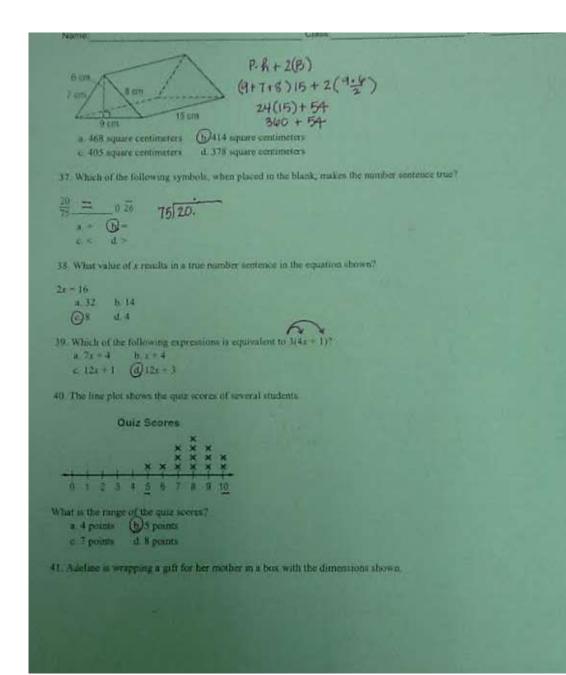
Gallons	1	2	3	4
Distance (mi)	30	60	80	120
a. 30 mi	b. 150	mi		
c. 210 mi	(1)240	F11		

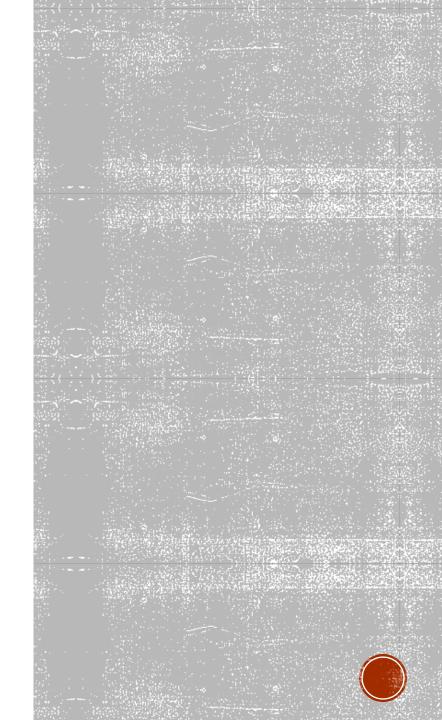
35. The expression er can be used to find the distance traveled by an object that has an average speed of *x* over time *t*. How many miles will a bot air halloon travel in 2.2 hours if it travels at an average speed of 12.5 miles per hour?

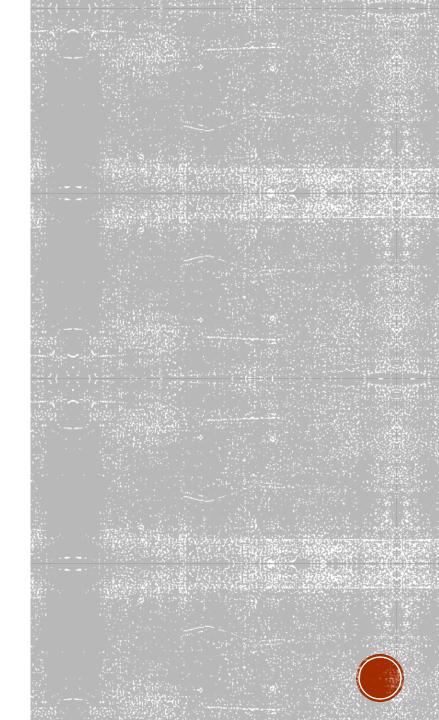
a 30.1 miles Q27.5 miles

36. What is the surface area of the triangular prism?

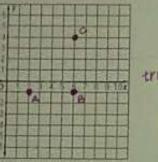


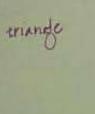




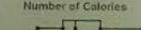


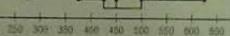




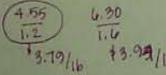


48. SHORT ANSWER The box plot below shows the number of Calories in different lunches at a restaurant. Describe the shape of the distribution using symmetry and outliers





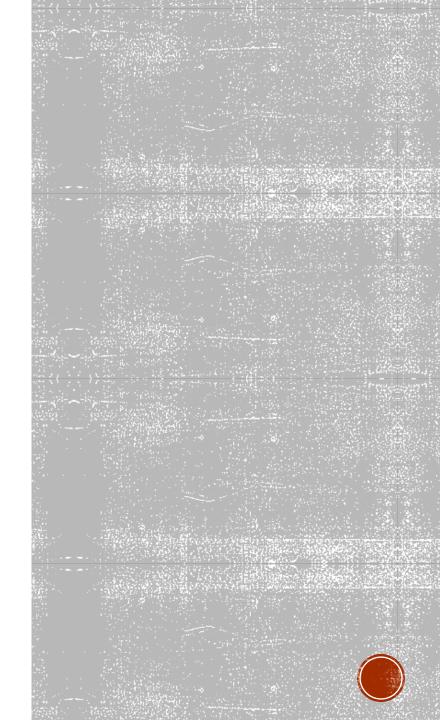
Mest lunches are 450 calories, and range from 425-500 calories. With the outlier, the distribution is skewed to the left (fewer data on left) and is not symmetrical. The center is measured by themedian and the interguartile range describes the spread.



50. SHORT ANSWER The table below shows the number of cances rented from Outdoor Adventures over the past foor a sekends.



Fags 11



Canoe Rentals				
21	32	17	24	
15	30	28	26	

Find the range, median, first quartile, third quartile, and interquartile range of the data.

5). SHORT ANSWER Define a variable and write an expression to represent the following phrase.

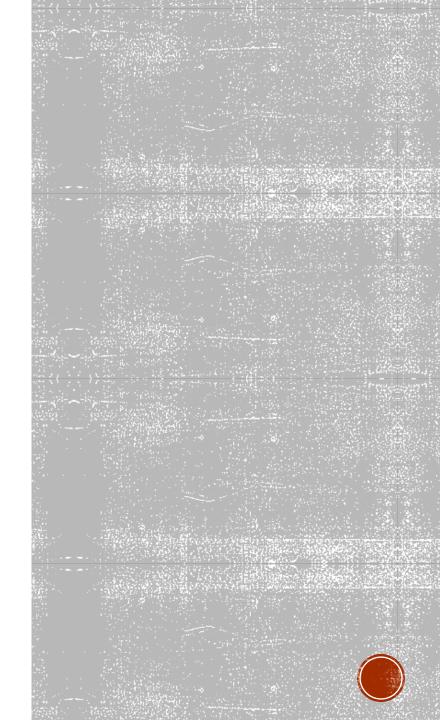
a number increased by 5 n+t5

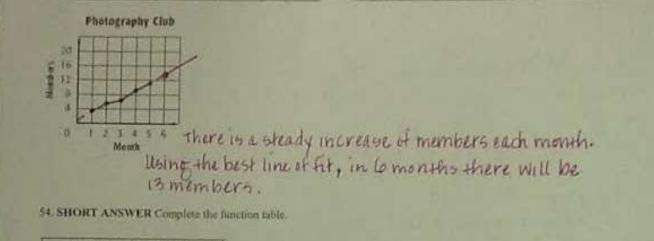
52. SHORT ANSWER The table below shows computer prices at an electronics store.

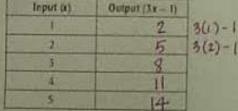
Computer Prices (5)			1	sumof data 4500 to12 50 (mean)
950	620	545	910	But of prices 8 812.50 (mean)
225	1,120	905	175	difference from men
Each.	empi	uter g		deviates from the average 38.

图.98 MAC

53. SHORT ANSWER The line graph shows the number of members during the first few months of a photography club. Describe the data. Then predict the number of members for the sixth month.







55. SHORT ANSWER Which measure of center would you use to describe the center of the data abown on the line plot? Explain your reasoning.

Number of Pets

t is in the best measure to use when your data t is is in the best measure to use when your data t is is in the best measure to use when your data t is is in the best measure to use when your data t is is in the best measure to use when your data t is is in the best measure to use when your data t is is no outliers or gaps.

