Express each phrase as a rate and (Round your answer to the nearest	unit rate. hundredth.) Rate	Ur	nit Rate
9) 6 calculators cost \$180.0	0		
		- 347	
10) 7 pencils for 16 dollars			
11) 7 batteries cost 17 dollars		a to blo to st	
12) 11 inches of snow in 4 ho	urs		end name of the
action Form OR Decimal Form			
Fraction 16% 1			ewe edu i "L
28%			
	L1 - Solving Percent Problems Proportions Worksheet		
54%	REMEMBER: "OF" number is always behir	Date:	Section:
	"%" number is the number w		PROPORTION is %
95%	"IS" number will be in from or behind the	t of the word is	$\frac{is}{of} = \frac{\%}{100}$
80%	Write a proportion and then so solving a proportion. If necess	olve it for each problem. Be sure cary, round answers to the neare	e to show all the steps
	1. What number is 70% of 45?		SI IENIIL
73%		rasnid 8 mod !	Canada 15
	2. 23% of 75 is what number?		
Statistical		Apri à la mus	2
Orachioma	3. 45 is what percent of 90?		•
Questions	The second of 30?		3
w many days are in March?			
w old is your dog?	4. What percent of 77 is 7?		
average, how old are the dogs that live on this street?			4.
at proportion of the students at your school like water	rmelons?		What was a
100	5. 15 is 25% of what number?		5.
you like watermelons?		NA COLUMN TO THE PARTY OF THE P	·
w many bricks are in this wall?			

Name:	Score :
Teacher:	Date :
Translate Algebraic	Expressions
1) 6 is added to one-third of n	A A A A A A A A-
2) 6 less than 2 times z	aromá is españas la aprilem III- (C.F.
3) Take away 2 from 7 times b	
4) 4 times the sum of 7 and b	
5) One-third of k is subtracted from 4	
6) Add 5 to 9 times q	
7) Subtract 2 from 8 times n	
8) 9 times the sum of d and 8	
9) Subtract five-sixths from 6 times c	
10) One-half of the sum of 4 and g	

7. Write the following numbers as a percent, fraction, and decimal.

Fraction Decimal		Percent	
2 10			
	0.35		
		17%	
8 25			

Mean, Median, Mode, Range

· · · · · · · · · · · · · · · · · · ·	
35, 56, 34, 44, 52, 12, 34, 45	
Mean = Median =	
Mode = Range =	The first man all an
24, 34, 32, 16, 45, 38, 28	
Mean = Median =	
Mode = Range =	contractive debinations and bed many literature
86, 24, 65, 65, 24, 24	*
Mean = Median =	
Mode = Range =	
32, 23, 22, 33, 33, 23, 32, 23, 22	
Mean = Median =	
Mode = Range =	

Solve each problem using the percent proportion method.

18. 9 is 15% of what number?	19.	24 is what percent of 120?
20. What number is 15% of 80?	21.	60 is 75% of what number?
22. 12% of what number is 3?	23.	3 is what percent of 60?
24. What percent of 48 is 12?	25.	198 is 33% of what number?

	Finding Statistical Questions Name:	
Determ	nine if the question posed is a statistical question (yes) or not (no).	Answers
1) He	ow tall are the trees in the park?	
		1.
2) He	ow many hours did you sleep last night?	
		2.
3) H	ow many brothers does each classmate have?	
A) TT		3.
4) ·W	Thich football game had the most touchdowns this season?	
5) He	ow many cars are in each driveway on your street?	4
3) 110	ow many cars are in each universay on your succer!	
6) H	ow many siblings do you have?	5.
		6.
7) He	ow many students passed the math test?	0.
		7.
8) H	ow many classmates have a game app on their phone?	
		8.
9) H	ow many people in the office are wearing ties?	

10) How much money did the different classes earn?