	Finding Part of the Whole" when given the percent!
	percent proportion:
	Part 0/0
	Whole 100
	steps to solve:
	1- identify each piece and fill in the proportion.
	2-find cross products
	3- solve-for x by dividing
	Examples: * more than the 8% of 50 175% of 24
	8% of 50 175% of 24
119	DXP= 8%0 DXP= 15%0
COF.	D 100x = 50.8 @ 100x = 24.175
	B 100 100 B 100
	X-L

Benchmark %5 10% of... 100% of ANY number: Itse My % greater than 100%; is X see example + 2!

Homework

Finding a Percent of a Number

1-29

To calculate the percent of a number you can use a proportion or an equation.

The proportion looks like this; Part = %
Whole 100

The equation is part = % x whole

**You must convert the % to a decimal

2) What is 20% of 55?

$$\begin{array}{c}
2000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
1000 \\
10$$

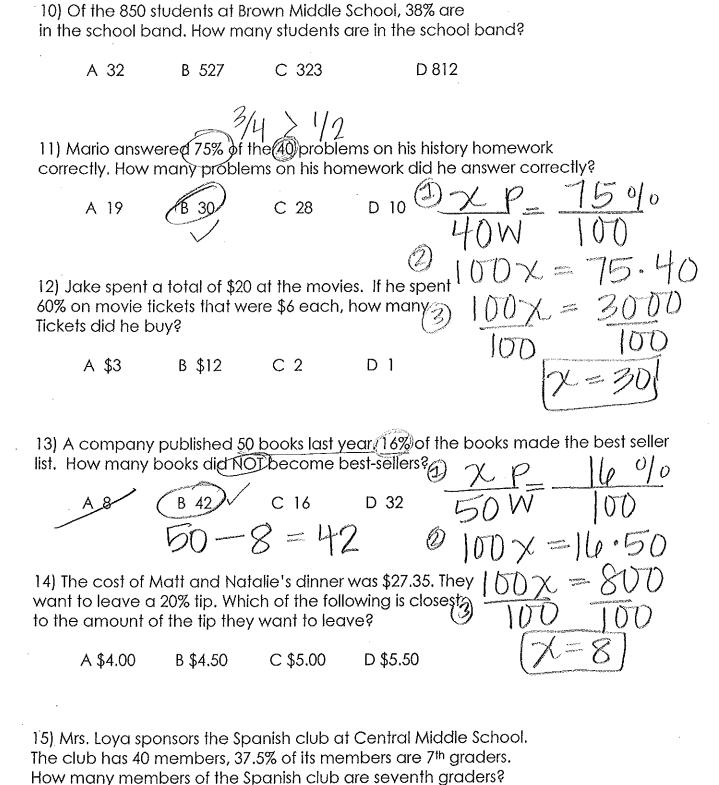
5) What is 10% of 14?

3) What is
$$25\%$$
 of 16%
 $0 \times P = \frac{25}{25} \frac{0}{0}$
 $100 \times = 16.25$
 $100 \times = 100$

3) $100 \times = 100$

(X - H)

6) What is 20% of 33%



A 5

B 15

C 20

D 45