

Name: _____

Date: _____

Number	List all the factors of the number	List two multiples of the number	Label the number P for Prime <u>or</u> Label the number C for Composite
9			
11			
18			
20			
24			
25			

factor: a number or numbers used to multiply and produce a new number (*2 is a factor of 4 because $2 \times 2 = 4$*)

multiple: a number that can be divided without a remainder (*4 is a multiple of 2 because $4 \div 2 = 2$*)

prime: a whole number with two factors, the number 1 and the number itself (*3 is a prime number, $3 \times 1 = 3$*)

composite: a whole number with more than two factors (*6 is a composite number, $1 \times 6 = 6$ and $2 \times 3 = 6$*)

equation: a statement that shows values are equal (*$2 \times 5 = 10$ is an equation*)

Write down three Prime numbers <i>Example: 2</i>	Write down three Composite numbers <i>Example: 4</i>	Make three equations <i>Example: $2 \times 4 = 8$</i>
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Write an **equation** for each of the problems and then find the solution:

Dilan has 13 worms in his worm farm. Hunter has 2 times as many worms in his worm farm. How many worms does Hunter have in his worm farm?

Equation: _____

Show your work, show your solution here...

Melody has 9 gems. Eva bought 3 times as many at the school store. How many gems does Eva have?

Equation: _____

Show your work, show your solution here...

Sohab has twice as many Prodigy pets than Adrian. If Adrian says that he has 10 Prodigy pets, how many pets does Sohab have?

Equation: _____

Show your work, show your solution here...

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Fill the blanks in the **ratio table** to solve

The Native Littleneck Clam lives in some tidal zones of Washington State. Native Littleneck Clams might not grow as big as a Butter Clam but both types of clams have the same limit per person when you visit tidal zones to harvest them to eat.

Number of People	1		3	4			7
Daily Limit of Clams by Pound	10 pounds	20 pounds	__ pounds	__ pounds	50 pounds	60 pounds	__ pounds

Write an equation to show the Daily Limit of Clams by Pound if 10 people wanted to harvest Native Littleneck Clams.

Equation: _____

Fill the blanks in the **ratio table** to solve

In order to harvest Native Littleneck Clams in Washington State you need to pay for a Shellfish license (Clams are shellfish. I hope you are never shellfish...get it?!?!). The license is free for children and costs \$20.00 for adults.

Number of Adults	1		3	4			7
Shellfish License Fee	\$20.00	\$40.00	\$_____	\$_____	\$50.00	\$60.00	\$_____

Write an equation to show the Shellfish License Fee if 10 people wanted to harvest Native Littleneck Clams.

Equation: _____