

Adding Integers

- 1) same signs
- 2) add numbers
- 3) keep the sign the same

1. $6 + 3$ <u>9</u>	2. $-7 + (-5)$ <u>-12</u>	3. $-2 - (-6)$ $-2 + 6$
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4

- 1) different signs
- 2) subtract the numbers
- 3) use the sign of the larger number

1. $-6 + 3$ <u>-3</u>	2. $4 - 8$ $4 + (-8)$ <u>-4</u>	3. $10 - -7$ $10 + 7$ <u>17</u>
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Multiplying/Dividing Integers

- same signs + Positive
different signs - Negative

1. $8(6)$ <u>48</u>	2. $\frac{-20}{5}$ <u>-4</u>	3. $\frac{-12}{-3}$ <u>4</u>
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You TRY!

Simplify each expression

1.) $(-5) + 3$

2.) $2 - (1)$

3.) $(-6) - 5$

4.) $\frac{30}{6}$

5.) $\frac{-72}{8}$

6.) $\frac{-16}{-4}$

7.) $(-8)(8)$

8.) $(-3)(-2)$

9.) $6 \cdot 7$

HW -- Q1 HW #1

Date 8/27 Period _____**Evaluate each expression.**

1) $3 + (-1)$

2) $(-8) - (-3)$

3) $(-3) - 1$

4) $6 - 8$

Find each quotient.

5) $\frac{-45}{-5}$

6) $\frac{8}{-8}$

Find each product.

7) $(-6)(-4)$

8) $(-6)(3)$

Box the question, underline the facts, circle the vocabulary and key words, and solve each word problem.

- 9) Josie has \$47 left on her checking account. If she writes a check for \$55, what will Josie's balance be?

- 10) The elevation of Mt. Everest is 29,028 feet. The elevation of the Dead Sea is -485 feet. What is the difference in the elevation between Mt. Everest and the Dead Sea?