

Multiply and Divide Integers:

- There are 2 ways to remember how to solve these problems, the mathematical way and the movie way!!
- The mathematical way
 - Ignore the _____ and just do the math!
 - After you make your calculations, go back and look at the signs of the numbers.
 - If both numbers have _____ (both positive or both negative) the answer will be positive
 - If the numbers have _____ (one pos. and one neg.), the answer will be negative.

Ex: $3 \cdot 3 = 9$, $3 \cdot (-3) = (-9)$, $(-3) \cdot 3 = (-9)$, $(-3) \cdot (-3) = 9$

- The movie way
 - When a good thing happens to the good guy, that is positive
 - When a good thing happens to the bad guy, that is negative
 - When a bad thing happens to the good guy, that is negative
 - When a bad thing happens to the bad guy that is positive.

a. $36 \div (-6)$ b. $(-4) \cdot (-3)$ c. $8 \cdot (-8)$ d. $(-18) \div (-2)$

e. $(-9) \cdot (-3)$ f. $(-5) \cdot 7$ g. $(-40) \div 10$ h. $6 \div (-3)$