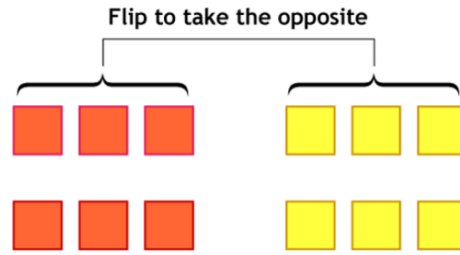


### Topic 6: Multiplying & Dividing Integers - Block 2 Homework

1. Select the number sentence that is represented by these algebra tiles. Each red tile represents negative 1 and each yellow tile represents positive 1.



- |  |  |
|--|--|
| <input type="radio"/> $(6) \div (-2) = -3$ | <input type="radio"/> $(-6) \div (-2) = 3$ |
| <input type="radio"/> $(-6) \div (2) = -3$ | <input type="radio"/> $(6) \div (2) = 3$   |

2. Three friends make and sell fruit shakes after school. Their business had a tough 5 months! They **lost** \$25 per month. How much was their loss? Write a number sentence to represent and solve.
3. Some of the damaged Garage Gorilla CDs were still playable, but had cracked cases. The Mystical Music Company decided to sell these CDs for \$5 each, which represents a **loss** of \$2 per CD, since they purchased them for \$7 each. They sold 42 of the CDs with damaged cases. How much was the loss or profit?
4. Match each algebra tile configuration with the expression it represents.

$-6 \div -2$	$6 \div -2$	$-8 \div 2$	$(3)(5)$
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