

How do I find the product of integers?

Questions /Main Ideas	Class Notes
How do I multiply integers with the same sign?	The product of two integers with the same sign is positive. $2 \times 3 = 6$ $-2 \times -3 = 6$
How do I multiply integers with different signs?	The product of two integers with different signs is negative. $2 (-3) = -6$ $-2 (3) = -6$ “Friends are always positive. Enemies are always negative.”
How do negative exponents work?	$(-2)^2 = (-2) \times (-2) = 4$ $-5^2 = -(5 \times 5) = -25$ $(-4)^3 = (-4) \times (-4) \times (-4) = -64$

Summary

When you are multiplying integers with the same sign, the product will always be positive. If the signs are different, the product will always be negative.