Do Now

Please work quietly on this Do Now. Check your answers with your teammates. Thank you!

Evaluate (solve) the expression below if $a = 2, b = -2, c = 3,$ $and\ d = -3$

$$\frac{(b)^c - c^a - (d)^c + a^a}{(b)^4 \times a^2 - (b)^5 - a^6}$$

Evaluate (solve) the expression below if $a = 2, b = -2, c = 3,\ and\ d = -3$

$$\frac{(b)^c - c^a - (d)^c + a^a}{(b)^4 \times a^2 - (b)^5 - a^6}$$

Using the same variable values, evaluate (solve) this expression:

$$c^b$$

Using the same variable values, evaluate (solve) this expression:

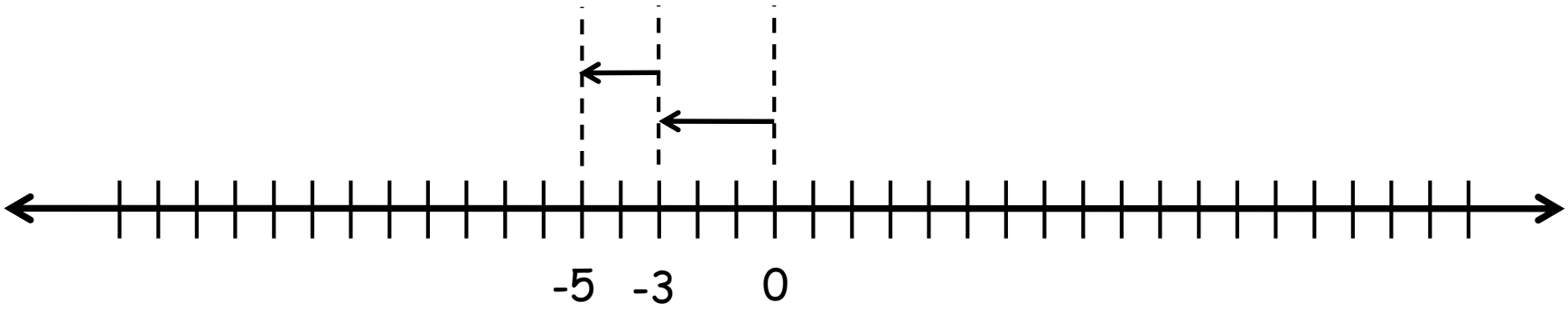
$$a^d$$

NOTES

Integer Addition: When adding two integers, the integer with the greater absolute value determines the sign of the sum.

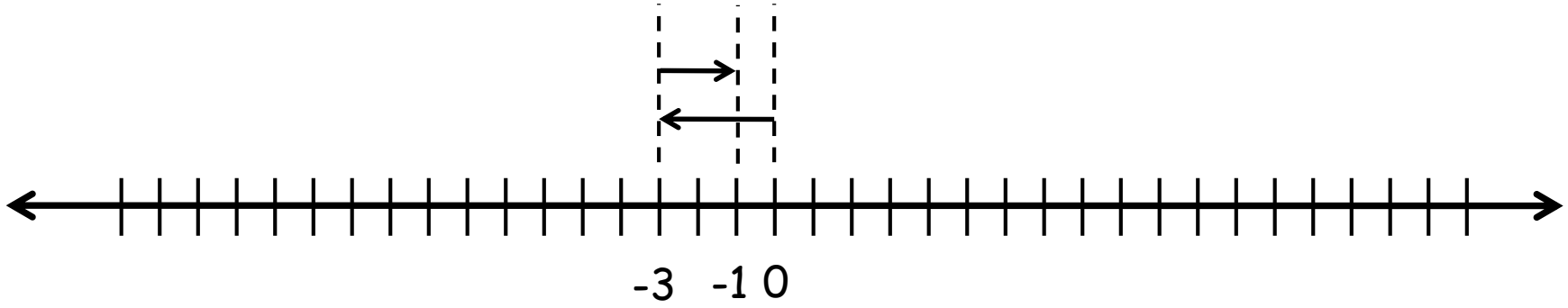
Modeling integer addition

Let's model the equation -3 + (-2) = -5



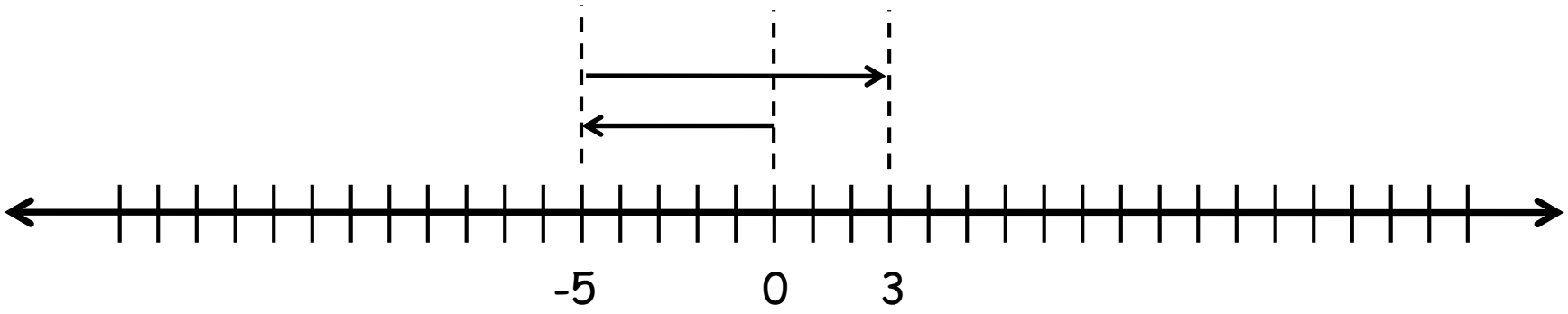
Modeling integer addition

Let's model the equation -3 + 2 =



Modeling integer addition

Let's model the equation -5 + 8 =



NOTES

Integer Subtraction: To subtract an integer, add its opposite.

Simplify each expression below:

4 – 6

-6 – 1

NOTES

Integer Subtraction: To subtract an integer, add its opposite.

Simplify each expression below:

-2 – (-5)

-3 – (-3)