

Activity 11 Assessment

Order of Operations with Integers

Order of Operations with Integers

Identifies and applies the order of operations to whole numbers

Which operation would you do first?
Why?

$$6 - 8 \div 4 \div 2 + 4 \times 5$$

"Multiplication and division have the same priority, so I would do those operations from left to right."

Applies order of operations, excluding brackets, to integers

Evaluate.

$$-3 + 4 \div 2 - (-12) \div (-2)$$

"I'll divide first, from left to right, then add and subtract from left to right."

Demonstrates the effect of adding brackets to integer expressions

Use one or more sets of brackets to calculate three different answers for this expression.

$$-12 \div 6 \div 2 + 3 - (-3) \times (-5)$$

"I'll place brackets so as to change the order in which operations are performed."

Applies order of operations, including brackets, to integers

Evaluate.

$$[3 - (-1)] \div 2 + 3 \times (-6)$$

"I will evaluate the expression inside the square brackets first."

Observations/Documentation