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(24)

Be able to solve problems
using the order of operations.

- Parenthesis
- Exponents
- Multiplication > left to right
- Division > left to right
- Addition > left to right
- Subtraction > left to right

✓✓✓✓✓
PEMDAS

$$(-2+3)^2 - 8$$

$$(1)^2 - 8$$

$$1 - 8$$

$$-7$$

✓✓
PEMDAS
→→

$$\frac{-6(4)}{(-3+1)^3}$$

$$\frac{-6(4)}{(-2)^3}$$

$$(-2)(-2)(-2)$$

$$\frac{-6(4)}{-8}$$

$$\frac{-24}{-8}$$

$$3$$

✓
PEMDAS

$$\frac{(3+5)^2}{2} + 2(5-11)$$

$$\frac{(8)^2}{2} + 2(5-11)$$

$$\frac{(8)^2}{2} + 2(-6)$$

✓
PEMDAS
→

$$\frac{64}{2} + 2(-6)$$

$$32 + 2(-6)$$

$$32 + (-12)$$

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