State the property used

[1] $a + (b + c) = (a + b) + c$

[2] $x(1) = x$

[3] $-1(5y^2) = -5y^2$

[4] $5(6) = 6(5)$

[5] $3 + 0 = 3$

[6] $a(x + y) = ax + ay$

[7] 3 less than the product of 4 and x

[8] 5 more than the quotient of a number x and 4

[9] -4 times the sum of 3 and 2c

[10] $\dfrac{19+(5^2-2^3)}{-3}$

[11] $(3^4 - 36)^2$

[12] $\dfrac{\sqrt{36}}{2\sqrt{81}}$

[13] $-y^3 - 4y^2 + 3x; x = 3, y = -2$

[14] $3a - 4b; a = 4, b = -3, c = 0$

[15] What is the order of operations?

[16] $3(2 - 5) =$

Explain how to use order of operations to simplify an expression.

Explain why division or subtraction is not commutative.

How do you evaluate an expression when given values for the variables?

Explain how to classify a number as rational or irrational.