



$$s) \frac{4(-3)}{-6}$$

$$\frac{4(-3)(-5)}{-6(-2)(-1)}$$

$$2.3\sqrt{8-4}$$

Evaluate the exponential expressions. t)  $3^4$

$$2x^35x^4$$

$$(3a^3)^5$$

$$\frac{7x^5y^3}{14x^2y^7}$$

Write the following in scientific notation.

u) 0.0000034

34,500,000,000,000

Write the following in decimal notation.

v)  $2.3 \times 10^5$

$7.8 \times 10^{-8}$

Simplify the following.

w)  $\sqrt{3600} =$

$\sqrt[3]{3375}$

Write the property that allows the following.

x)  $3(4+5) = 4(4) + 3(5)$

$4(-5) = -5(4)$

$2(3 \times 4) = (2 \times 3)4$

Distribute the following.

y)  $3(2x - 9)$

$4x(2x - 5)$

$2xy(3x - 7y)$

Simplify.

z)  $\frac{3(2+5)^2}{14} =$

$(3(2+1))^2 =$

$4+6(12-\sqrt{81})-3=$