X and dividing integers

1.) Same signs = positive

2.) Different signs = negative

$+ \cdot + = +$ $\quad \frac{+}{+} = +$ $\quad 4n$

$- \cdot - = +$ $\quad \frac{-}{-} = +$ $\quad 4 \cdot n$

$+ \cdot - = -$ $\quad \frac{+}{-} = -$

$-3(2) = -6$

$-3(1) = -3$

$-3(0) = 0$

$-3(-1) = 3$

$-3(-2) = 6$

$-3(9) = -27$

$3(-9) = -27$

Solve:

1.) $r = 9(-12)$

$\boxed{r = -108}$

2.) $-8(-18) = s$

$\boxed{s = 144}$

3.) $20(-6)(2) = b$

$-120(2) = b$

$-240 = b$

$\begin{array}{r} 20 \\ \times\ -6 \\ \hline -120 \end{array}$

4) $-3(-4)(5)(8)(-10) = m$

$12(5)(8)(-10) = m$

$60(8)(-10) = m$

$480(-10) = m$

$-4,800 = m$

$-(-8)$

$+8$

Evaluate

$\frac{x}{4}$ if $x = -20$

$\frac{-20}{4}$ $4\overline{)-20}$ -5, $\frac{20}{00}$

$\boxed{-5}$

Evaluate

$c(-c)$ if $c = -8$

$(-8)(-8)$

-64