

## 1.5 Dividing Integers

Same rules as multiplying integers

$$+ \div + = +$$

$$- \div - = +$$

$$+ \div - = -$$

$$- \div + = -$$

Ex. 1 a)  $-18 \div -6$

$$\boxed{3}$$

b)  $-75 \div 25$

$$\boxed{-3}$$

c)  $54 \div -6$

$$\boxed{-9}$$

d)  $-32 \div (-4)$

$$\boxed{8}$$

Ex. 2 a)  $10 - x^2 \div y ; x = 8 \quad y = -4$

$$10 - (8)^2 \div (-4)$$

$$10 - 64 \div (-4)$$

$$10 + 16$$

$$\boxed{26}$$

b)  $\frac{a+6}{3} ; a=6$

$$\frac{(6)+6}{3}$$

$$\frac{12}{3}$$

$$\boxed{4}$$

~~10~~  
~~10~~  
10  
x 5

~~4~~  
~~20~~  
20  
16  
36

CW: WB p.19-22