

## 1.4 – Multiplying and Dividing Integers

### Rules for Multiplying and Dividing Integers

Same Signs:

Different Signs:

Examples:

1.  $(-3)(-4)$

2.  $(-5)(-4)(2)(-1)$

3.  $-18 \div 9$

4.  $\frac{-42}{6}$

$$5. \frac{-8}{-18}$$

$$6. 24 \left( \frac{-1}{8} \right)$$

$$7. \left( \frac{-1}{3} \right) \left( \frac{1}{2} \right) (-36)$$

$$8. 8 \div \left( \frac{-1}{2} \right)$$

$$9. \frac{-6}{\frac{1}{-\frac{1}{6}}}$$

$$10. \left( \frac{-1}{4} \right) \div \left( \frac{1}{12} \right)$$