

# Integer Rules and Practice

## Multiplication and Division

Integer - whole number and its opposite

### Multiplying

$$(+)\times(+)=(+)$$

$$(-)\times(-)=(+)$$

$$(+)\times(-)=(-)$$

$$(-)\times(+)=(-)$$

### Dividing

$$(+)\div(+)=(+)$$

$$(-)\div(-)=(+)$$

$$(+)\div(-)=(-)$$

$$(-)\div(+)=(-)$$

$$\frac{(+)}{(+)}=(+)$$

$$\frac{(-)}{(-)}=(+)$$

$$\frac{(+)}{(-)}=(-)$$

$$\frac{(-)}{(+)}=(-)$$

Ex 1

$$2 \times 3 = 6$$

$$-2 \times -3 = 6$$

$$2 \times -3 = -6$$

$$-2 \times 3 = -6$$

Ex 2

$$14 \div 7 = 2 \quad \frac{14}{7} = 2$$

$$-14 \div -7 = 2 \quad \frac{-14}{-7} = 2$$

$$14 \div -7 = -2 \quad \frac{14}{-7} = -2$$

$$-14 \div 7 = -2 \quad \frac{-14}{7} = -2$$