

Section 2.5 Multiplication of Real Numbers

The rules of multiplication of positive and negative numbers are quite simple:

$$\text{(pos) times (pos) = pos}$$

$$\text{(neg) times (pos) = neg}$$

$$\text{(pos) times (neg) = neg}$$

$$\text{(neg) times (neg) = pos}$$

This can be extended to more than two numbers:

- an **even** number of negatives multiplied together gives a **positive** result
- an **odd** number of negatives multiplied together gives a **negative** result