

P	N	N
N	P	N
N	N	P

Multiplying and Dividing

$$+ \cdot \div + = +$$

$$- \cdot \div - = +$$

$$- \cdot \div + = -$$

$$+ \cdot \div - = -$$

Multiplying Integers

If the signs are the same...

- Multiply and the product is positive
 $+5 \times +2 = +10$ or $-5 \times -2 = +10$

If the signs are different...

- Multiply and the product is negative
 $+5 \times -2 = -10$ or $-5 \times +2 = -10$

Dividing Integers

If the signs are the same...

- Divide and the quotient is positive
 $+10 \div +2 = +5$ or $-10 \div -2 = +5$

If the signs are different...

- Divide and the quotient is negative
 $+10 \div -2 = -5$ or $-10 \div +2 = -5$