

11.5 (pg. 504) Dividing Integers

$$\oplus \div \oplus = \oplus \quad \text{Ex. } +10 \div +2 = +5$$

$$\ominus \div \ominus = \oplus \quad \text{Ex. } -10 \div -2 = +5$$

Same sign makes positive quotient.

$$\oplus \div \ominus = \ominus \quad \text{Ex. } +10 \div -2 = -5$$

$$\ominus \div \oplus = \ominus \quad \text{Ex. } -10 \div +2 = -5$$

Different signs make negative quotient.

Same

Positive

Different

Negative

Some

People

Don't

No!

$$+8 \div +2 =$$

$$-32 \div -8 =$$

$$+48 \div -6 =$$

$$-45 \div +9 =$$