

Division and Fractions With Negativ

Connect

Types of numbers

natural: 1, 2, 3, 4, 5, ...

integers: -3, -2, -1, 0, 1, 2, 3

rational

Division of natural numbers

$$5 \div 8 \rightarrow \frac{5}{8}$$

$$7 \div 2 \rightarrow \frac{7}{2} = 3\frac{1}{2}$$

Division with negatives

$$-10 \div 2 = -5$$

$$10 \div -2 = -5$$

$$-10 \div (-2) = +5$$

$$\frac{2}{3} \quad \frac{6}{5}$$

$$-4 \rightarrow \frac{-4}{1}$$

$$.23 \rightarrow \frac{23}{100}$$

I do

$$-6 \div 8$$

$$6 \div (-8)$$

$$-6 \div (-8)$$

.

I do

$$-\frac{3}{4}$$

$$\frac{-3}{4}$$

$$\frac{3}{-4}$$

$$\frac{-3}{-4}$$

We do

$$-9 \div 7$$

$$9 \div (-7)$$

$$-9 \div (-7)$$

We do

$$-\frac{5}{2}$$

$$\frac{-5}{2}$$

$$\frac{5}{-2}$$

$$\frac{-5}{-2}$$

You do together
on whiteboard

Write as a rational number

$$5 \div (-4) \quad -2 \div 3 \quad -6 \div (-7)$$

Write as a division problem

$$-\frac{1}{6} \quad \frac{-10}{-3}$$

You do alone on
index card

Write as a rational number

$$-3 \div (-11) \quad 3 \div (-4)$$

$$-6 \div 2$$

Write as a division problem

$$-\frac{4}{3} \quad -\frac{2}{9}$$