

2.2

Adding Rational Numbers (Day 2)

Adding Integers Review

$$-9 + -7 =$$

$$-8 + -3 =$$

SAME SIGN

- Ignore the signs
- Add numbers
- Put sign back

$$-4 + 15 =$$

$$3 + -12 =$$

DIFFERENT SIGNS

- Ignore the signs
- Subtract
- Put sign back of number that “looks” the biggest

Adding Pos. & Neg. Fractions & MN

$$1) \quad -\frac{1}{6} + \left(-\frac{5}{12}\right)$$

SAME SIGN

- Ignore the signs
- Add numbers
- Put sign back

DIFFERENT SIGNS

- Ignore the signs
- Subtract
- Put sign back of number that “looks” the biggest

Adding Pos. & Neg. Fractions & MN

$$2) \quad -\frac{4}{5} + \frac{3}{20}$$

SAME SIGN

- Ignore the signs
- Add numbers
- Put sign back

DIFFERENT SIGNS

- Ignore the signs
- Subtract
- Put sign back of number that “looks” the biggest

Adding Pos. & Neg. Fractions & MN

$$3) \quad -\frac{3}{4} + \frac{5}{8}$$

$$4) \quad -\frac{5}{6} + \left(-\frac{1}{4}\right)$$

Adding Pos. & Neg. Fractions & MN

$$5) \quad -5\frac{1}{3} + 6\frac{2}{5}$$

$$6) \quad -2\frac{2}{3} + 2\frac{1}{2}$$

PRACTICE

$$7) \quad -5\frac{3}{4} + \left(-4\frac{5}{6}\right)$$

$$8) \quad 1\frac{2}{5} + \left(-3\frac{1}{2}\right)$$

PRACTICE

$$9) \quad \frac{9}{10} + (-3)$$

$$10) \quad -6\frac{1}{3} + \frac{20}{3}$$

Adding Pos. & Neg. Decimals

$$12) \quad -4.05 + 7.6$$

SAME SIGN

- Ignore the signs
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DIFFERENT SIGNS

- Ignore the signs
- Subtract
- Put sign back of number that “looks” the biggest

Adding Pos. & Neg. Decimals

$$13) \quad -8.15 + (-4.3)$$

SAME SIGN

- Ignore the signs
- Add numbers
- Put sign back

DIFFERENT SIGNS

- Ignore the signs
- Subtract
- Put sign back of number that “looks” the biggest

Adding Pos. & Neg. Decimals

14) $0.65 + (-2.75)$

SAME SIGN

- Ignore the signs
- Add numbers
- Put sign back

DIFFERENT SIGNS

- Ignore the signs
- Subtract
- Put sign back of number that “looks” the biggest