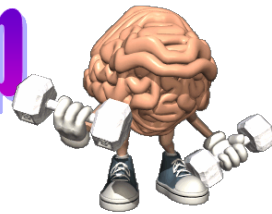


## Curriculum Outcome

**N1: Demonstrate an understanding of rational numbers by: comparing and ordering rational numbers; solving problems that involve arithmetic operations on rational numbers.**

**Student Friendly:**  
**"Adding Fractions and Adding Decimals"**

## Warm Up



Answer the following:

Remember when you see fractions you must work with fractions

$$1) 2.78 + (-3.49) = -0.71$$

$$2) \frac{-3}{8} + \frac{2}{5} = \frac{-15}{40} + \frac{16}{40} = \frac{1}{40}$$

$$3) \frac{-5}{6} + \frac{3}{4} = \frac{-10}{12} + \frac{9}{12} = \frac{-1}{12}$$

$$3\frac{1}{3} = \frac{10}{3}$$

Ex.  $2\frac{1}{4} + 3\frac{2}{5}$

$$\frac{9}{4} + \frac{17}{5}$$

$$\frac{45}{20} + \frac{68}{20}$$

$$\frac{113}{20}$$

$$5\frac{13}{20}$$

1st Step:  
Switch to  
improper  
fractions

2nd Step:  
Common denoms  
& add!

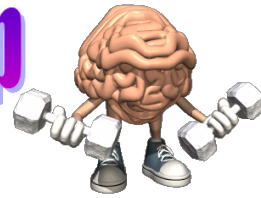
3rd Step →  
Switch to  
mixed #.

$$- 4\frac{2}{5}$$

$$- \frac{22}{5}$$

Switch to  
improper

# Warm Up



Answer the following:

Remember when you see fractions you must work with fractions

$$4) \quad 2 \frac{5}{6} + 3 \frac{1}{5} = \frac{17}{6} + \frac{16}{5} = \frac{85}{30} + \frac{96}{30} = \frac{181}{30} = 6 \frac{1}{30}$$

$$5) \quad -1 \frac{7}{8} + 2 \frac{1}{3}$$

$$6) \quad 2 \frac{1}{5} + 3 \frac{1}{3} + \left(-4 \frac{3}{4}\right)$$

# Warm Up

Answer the following:

Remember when you see fractions you must work with fractions

$$1) \quad 2.78 + (-3.49)$$

$$2) \quad \frac{-3}{8} + \frac{2}{5}$$

$$3) \quad \frac{-5}{6} + \frac{3}{4}$$

# Warm Up

Answer the following:

Remember when you see fractions you must work with fractions

$$4) \quad 2 \frac{5}{6} + 3 \frac{1}{5}$$

# Warm Up

Answer the following:

Remember when you see fractions you must work with fractions

$$5) \quad -1 \frac{7}{8} + 2 \frac{1}{3}$$

$$- \frac{15}{8} + \frac{7}{3}$$

$$- \frac{45}{24} + \frac{56}{24}$$

$$\frac{11}{24}$$

## Warm Up

Answer the following:

Remember when you see fractions you must work with fractions

5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55,

$$6) \quad 2 \frac{1}{5} + 3 \frac{1}{3} + \left( -4 \frac{3}{4} \right)$$

$$\frac{11}{5} + \frac{10}{3} + \left( -\frac{19}{4} \right)$$

$$\frac{132}{60} + \frac{200}{60} + \left( \frac{-285}{60} \right)$$

$$\frac{47}{60}$$



## Classwork / Homework:

p. 111 - 113

### Questions:

11(acegi), 13, 16, 17(a, b, c), 18, 20(ac)

**\*\*Remember\*\***

When you see fractions you  
must work with fractions