

Mathematics 9

Section 3.3 - Subtracting Rational Numbers

Next we are going to look at subtracting fractions when negatives are involved.

Suppose we have:

$$-2\frac{5}{6} - (-3\frac{7}{8})$$

Step 1 - Figure out what sign we have

$$-2\frac{5}{6} + 3\frac{7}{8}$$

Step 2 - Convert to improper fractions
Find common denominator

$$-\frac{17}{6} + \frac{31}{8}$$

$$-\frac{68}{24} + \frac{93}{24}$$

Step 3 - Perform operation

$$\frac{25}{24} = 1\frac{1}{24}$$

p. 119 #3ac, 4, 5bd, 6, 8, 9ace, 11-13, 15ace

Homework: pg.

Page 1 of 1

$$-2 - 2 = -4$$
$$32 - (-7)$$