



Grade 9 Warm Up



Determine each sum.

1)

$$\frac{-5}{6} + \left(\frac{-2}{5} \right)$$

$$\frac{-25}{30} + \frac{-12}{30}$$

$$\frac{-37}{30}$$

or

$$-1 \frac{7}{30}$$

2)

$$\frac{8}{3} + \frac{5}{4}$$

$$\frac{32}{12} + \frac{15}{12}$$

$$\frac{47}{12}$$

3)

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

$$-\frac{10}{5} + -\frac{16}{5}$$

$$\frac{-25}{15} + \frac{-48}{15}$$

$$\frac{-73}{15}$$

$$= -4 \frac{13}{15}$$

Section 3.3

Subtracting Rational Numbers

When subtracting Rational Numbers you must have a ...

Common Denominator

Ex) $\frac{13}{7} - \frac{4}{7} =$

Same Denominators

This look similar to adding Rational Numbers



Oh, what to do when the denominators are different???



I Know this one!!!!



Subtracting Negative Numbers

$$8 - (-2) \longrightarrow \text{We add the opposite: } 8 + 2 =$$

No difference with rational numbers

$$\frac{6}{5} - \left(-\frac{10}{5}\right) \longrightarrow \text{We add the opposite: } \frac{6}{5} + \frac{10}{5} =$$

$$5 + 6 - 4$$

$$\frac{1}{2} + \frac{2}{3} - \frac{1}{4}$$

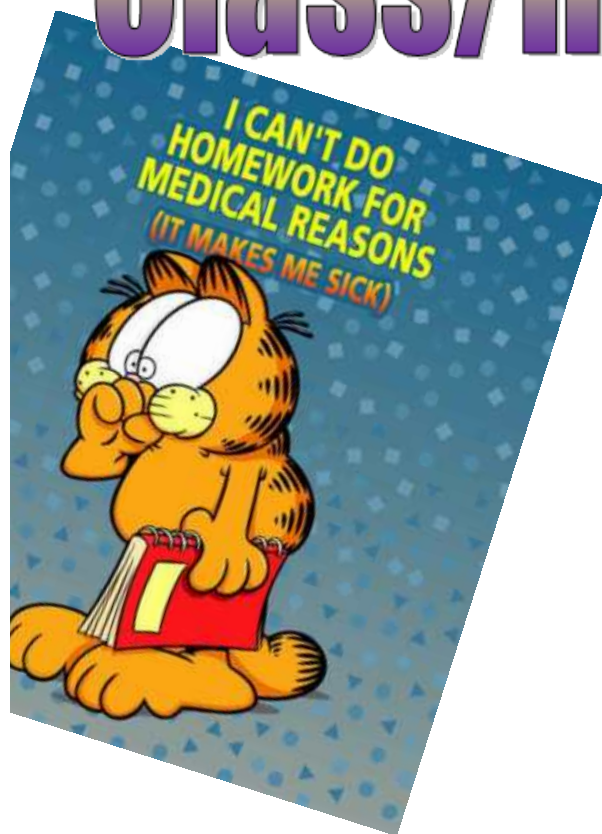
https://www.youtube.com/watch?v=T_H-bEUFaP8



integer song row row row your boat



Class/Homework



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5,6,7

8

9 d,e, f

11

13 c, d

15 ab