
Chapter 2 Test **Thursday**

- $\mathbb{N}, \mathbb{W}, \mathbb{Z}, \mathbb{R}, \mathbb{Q}$
- Substitute & Solve
- Order of Operations PEMDAS
- Substitute & PEMDAS
- Graph Sets of #'s; ^{Remember} the Labels
- # Line to find the Sum
- Adding Pos. & Neg. #'s.
- Multiplying Pos & Neg
- Reciprocal
- Add, Mult. Fracs. & Reduce.
- Distributive Prop.

$$5[4 + 5(4 + ?)]$$

$$5[4 + \underline{5(11)}]$$

$$5[\underline{4 + 55}]$$

$$\underline{5[59]}$$

$$\underline{\underline{295}}$$

Tree Math

$$\begin{array}{r} 4 \\ 59 \\ \otimes \underline{5} \\ 295 \end{array}$$

Simplify

$$3(x-5) + 4x$$

$$3(x) - 3(5) + 4x$$

$$\underline{3x} - 15 + \underline{4x}$$

$$\underline{\underline{7x - 15}}$$

$$2(x-4) + 6(x+3)$$

$$2(x) - 2(4) + 6(x) + 6(3)$$

$$\underline{2x} - 8 + \underline{6x} + \underline{18}$$

$$\underline{\underline{8x + 10}}$$

Dist. Prop.
& Combine
Like Terms



← I Need
this Step!

Add

$$\frac{6 \cdot 2}{7 \cdot 2} + \frac{5 \cdot 1}{14 \cdot 1} =$$

$$\frac{12}{14} + \frac{5}{14} = \frac{17}{14}$$

Reduced
By 6

$$\frac{7 \cdot 3}{10 \cdot 3} + \frac{21 \cdot 1}{30 \cdot 1} =$$

Reduced
By 2

Reduced
By 3

$$\frac{42}{30} = \frac{7}{5}$$

$$\frac{21}{30} + \frac{21}{30} = \frac{42}{30} = \frac{21}{15} = \frac{7}{5}$$

$$\frac{2 \cdot 4}{3 \cdot 4} + \frac{5 \cdot 3}{4 \cdot 3} =$$

$$\frac{8}{12} + \frac{15}{12} = \frac{23}{12}$$

$$\left(\frac{32}{7}\right) \left(\frac{35}{8}\right) = \frac{1120}{56} = \frac{560}{28} = \frac{280}{14} = \frac{140}{7} = \frac{20}{1} = \underline{\underline{20}}$$

$\begin{array}{r} 32 \\ -96 \\ \hline 000 \end{array}$

$$\left(\frac{\cancel{32}4}{71}\right) \left(\frac{35}{\cancel{8}5}\right) = \frac{20}{1} = \underline{\underline{20}}$$

Something from the top,
 Cancels or Reduces Something from the Bottom

O.T.L.

Finish Ch. 2

Packet!

Study for test on Thursday