

As you work through this week's homework, please highlight or underline words you come across that you do not understand.

BOLDED – CALCULATOR OKAY
NOT BOLDED – DO NOT USE CALCULATOR

TUESDAY

1. Place the following numbers on the number line: What are your whole numbers? _____

- a) 25% of -13 b) -3.18 c) -2.9 d) -12.5% e) $\frac{1}{4}$ of -10 f) -1.7



2. Find the solution to $-7 - 12$. Explain why you know your answer is correct.

3. Simplify using Order of Operations:

- a) $72 \div 9 \cdot (-3) + 10.2$ b) $(32.5 + 2.5) \div 5 - 3 \cdot 2$ c) $-10 - 12 - 7 \cdot 4$

4. Solve the equation: a) $18 = 3x - 12$ b) $-4(n + 1) = -12$

5. Check your answers from #4 by substituting in your answer to prove it is correct.

WEDNESDAY

1. Write a hot air balloon integer story for $135 - 140$. What is the solution?

2. Find the sum or difference: a) $28 - 32$ b) $-9 - 15$ c) $8 - (-32)$ d) $-17 + 25$

3. Multiply or divide the fractions: a) $\frac{32}{15} \cdot \frac{20}{8}$ b) $3\frac{1}{3} \div 2\frac{3}{6}$ c) $4\frac{3}{8} \cdot 3\frac{3}{15}$ d) $\frac{39}{25} \div \frac{26}{45}$

4. Simplify using Order of Operations:

a) $(6 - 17) \div 121 \cdot 11$

b) $-(8 \cdot 5) \div (5 + 3) + 15$

c) $32 + 8 \cdot 6 \div 16$

5. Combine the items to make this order easier for the cooks!

a) $2(3h + 2f + m + x) - (h + f + 2m) =$ _____

b) $(4c + 2f + 2x) + (h + 2c + 3m) - (h + 3c) + 3m =$ _____

THURSDAY

1. Solve $-3(x + 1) = -24$ and write down what you think or do for each step:

2. Simplify the expressions by using the Distributive Property and combining like terms (if possible).

a) $-5(4q - 2)$

b) $-6 - 7p + 9p + 5$

c) $2(-4 - 8x)$

3. Solve $\frac{x}{3} - 12 = -4$ and check your answer:

4. Simplify: a) $2\frac{4}{5} \cdot 3\frac{4}{7} =$ _____

5. Ace bought 8 bags of dog treats for \$24.00. What is the price per bag? _____

How many bags can he buy if he has \$30? _____ How much do five bags cost? _____