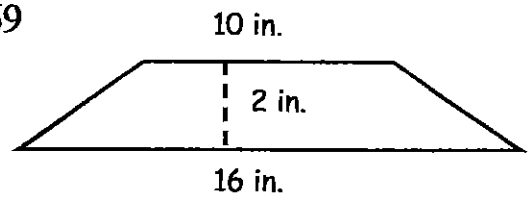
Mrs. Orange Math
Blizzard Bags

BLIZZARD BAG DIRECTIONS:

In the event that we must use any or all of our calamity days during the 2015-16 school year please complete one SIMPLE SOLUTION LESSON for each day that is missed.
Display ALL work on Loose Leaf and attach to the Simple Solution Assignment.

Lesson #68

1. What is the value of a? $a+22=69$



2. Find the area of the trapezoid.

3. Solve for x. $6x+3=4x-7$

4. Find the value of x. $\frac{x}{5}=25$

5. $122-(-47)=?$

6. Find the GCF of $12x^2y^3z$ and $18x^3y^2z^2$.

7. Put these integers in increasing order. –12, –26, 0, 5, 10

8. Write an expression for *the sum of a number and fifteen.*

9. Solve for a. $9a+2(a+7)=-8$

10. $\frac{9}{15}\times\frac{5}{18}=?$

11. $-|-36|=?$

12. $16-3\frac{7}{8}=?$

13. Find the value of x. $\frac{5}{8}x=120$

14. $(-6)(-8)=?$

15. What is the value of x? $3x-5=19$

16. $56+(-25)=?$

17. Determine the volume of a rectangular prism with a length of 12 meters, a width of 6 meters, and a height of 3 meters.

18. There are 30 students in Mrs. Jackson's class. One-third of the students wear glasses. Of those students wearing glasses, one-fifth are boys. How many students are boys?

19. $-16+(-24)+13=?$

20. Simplify. $\frac{21a^3b^4c^2}{9a^2b^2c}$

Lesson #69

1. If $x = 4$ and $y = 5$, what is the value of $x + 3y$?
2. $129 - (-73) = ?$
3. Write $\frac{13}{20}$ as a decimal and as a percent.
4. Find the GCF of $8a^3b^5c^2$ and $12a^2b^3c^2$.
5. Solve the equation for b. $b - 56 = 79$
6. $5 + 2[4 + 3(5) - 6] = ?$
7. $-3(-8) = ?$
8. Determine the area of a triangle with a base of 12 inches and a height of 4 inches.
9. $68 + (-22) = ?$
10. $0.7 - 0.4219 = ?$
11. What is the value of x? $\frac{x}{15} = 6$
12. Simplify. $7(3a + 5b - 9)$
13. Solve for x. $x + 37 = -123$
14. Solve for w. $w - 4 < 5$
15. Find the value of x. $4x - 16 = 32$
16. What value of a makes the equation true? $9a + 4 = 14a - 16$
17. Write $6 \cdot 6 \cdot 6 \cdot 6 \cdot 6 \cdot 6$ using a base and an exponent.
18. $0.009 \times 0.004 = ?$
19. Solve for z. $\frac{1}{9}z - 7 = 21$
20. Simplify. $\frac{15x^4y^2z}{20x^3y}$

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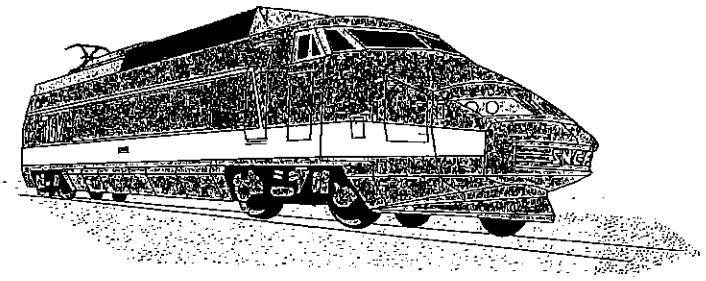
Lesson #70

1. What is the value of x? $-6x = 90$
2. Solve for x. $\frac{x}{7} = 42$
3. Find the value of a. $\frac{4}{5}a = -20$
4. $\frac{-324}{18} = ?$
5. Solve the equation for x. $x - 19 = 46$
6. $\sqrt{100} - \sqrt{16} + 4^2 = ?$
7. What is the value of x? $6x + 3(x - 8) = 3$
8. During their last vacation, the King family traveled by train. If they traveled 594 miles in 9 hours, what was the average speed of the train?
9. $7\frac{2}{3} + 8\frac{2}{5} = ?$
10. $4^4 = ?$
11. Solve for x. $12x + 3 = 15x$



12. Find the value of a. $a + 46 = -114$
13. $8 \cdot 4 + 12 - 16 \div 4 = ?$
14. Evaluate $8b \div b + a$ when $a = 4$ and $b = 5$.
15. Combine like terms. $9a + 4b - 7 + 6a - 2b - 9$
16. $42{,}816{,}755 + 36{,}979{,}327 = ?$
17. Find the GCF of $14a^2b^3c^4$ and $28ab^2c^2$.
18. What is the value of x? $\frac{1}{6}x = 24$
19. Find the missing numbers in the function table.
20. Simplify. $\frac{7m^3n^2p}{21m^2n}$

$y = 3x + 1$

x	y
5	?
3	?
0	?