EOG Practice for Number System – BINGO QUESTIONS (Calculator Inactive)

1. Simplify: (32-17) -50

2. Don is making 8 pizzas. He will use $10\frac{2}{3}$ cups of cheese. How much cheese will he put on each pizza?

3. Sam mixes $2\frac{1}{2}$ cups of popcorn with $\frac{1}{2}$ cup of chocolate chips to make 3 cups of snack mix.
   - She needs more snack mix.
   - To make more snack mix Sam uses 4 cups of popcorn.

   Using the same ratio, how many cups of chocolates chips will Sam need for the new batch?

4. Mrs. Hall had 30 students in her class.   For the party each student brought one item.
   - one-sixth of the students brought drinks.
   - one-fifth of the students brought cookies.
   - one -third of the students brought chips.
   - The rest of the class brought candy.

   How many students brought candy?

5. Your room is a rectangle $12\frac{1}{2}$ ft by $8\frac{1}{2}$ ft. The floor is made of square tiles with side lengths $\frac{1}{2}$ ft. What is the number of tiles that will cover your room?

6. What is the value of $-3\left[3^2 + \left(\frac{1}{3}\right)^2\right]$

7. What is the value of $-5\left[4^2 + \left(\frac{1}{2}\right)^2\right]$

8. On Monday the temperature was 30°. By the end of the week it decreased by 40°. What was the temperature by the end of the week?

9. Which mixed number is equivalent to 3.45?

10. What is the product of $1\frac{2}{3} \times 2\frac{1}{2} \times \frac{3}{5}$

11. The mini submarine can dive 400 ft in 5 minutes. What is the rate of decent?

12. The outside temperature is -4° F and falling at a rate of 2 degrees per hour. What will be the temperature in 6 hours?

13. During one play the football team had the following gains and losses: -4 yds, 10 yds, -8 yds, and 6 yds. What was the average yardage for the play?

14. Molly and two friends made a pie and cut the pie in 8 equal pieces. If Molly and her friends ate 3 pieces, what decimal represents the portion of the pie that remains?

15. If black chips are positive and white chips are negative, what is the value of the combined chips?

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16. Sasha agreed to make $3\frac{1}{2}$ dozen cookies for her friend's pool party. So far she has baked $\frac{2}{3}$ of the cookies. If there are 12 cookies in a dozen, how many cookies are ready for the party?

17. Simplify: -34 + 20 – 16

18. Simplify: -25 ÷ 5 • -4

19. Simplify: $\frac{3}{15} + 3\frac{2}{5}$

20. Simplify: -5(4 + 6) -10

21. What is fraction is equivalent to 0.888888888888…

22. Simplify: -12 + 16.78

23. If you can type 90 words on 4 minutes, what is your rate per minute?

24. If chips are 5 bags for $8.50, what is the unit price?

<u>Number System BINGO</u>

- **Fill one box with FREE SPACE**
- **You will take the 24 answers and mix them up on your BINGO sheet.**
- **You will work problems and when you get the answer, mark on your BINGO card and put the problem number by the answer.**
- **To win you must have work for the answers on a separate sheet of paper.**
- **5 in a row wins!**

-81.25	$\dfrac{4}{5}$	$\dfrac{-82}{3}$
$\dfrac{8}{9}$	**-60**	**-80**
0.625	**-2**	$3\dfrac{9}{20}$
-35	**9**	**4.78**
-30	**22.5**	$\dfrac{4}{3}$
-16	$\dfrac{18}{5}$	**20**
1.70	**28**	**1**
425	**-10**	$\dfrac{5}{2}$

<u>Number System BINGO</u>