Activity 9: Go, Team, Go! (Fill-in all the blanks and solutions!)

Directions: Solve each equation. Read the question in the box below. To find the answer, write the variable from each problem on the blank space that contains the correct answer.

1. $6r - 3 = 9r - 6$ (r = 1)

2. $7n + 5 = 8n + 10$ n =

3. $3b + 18 = 2b + 12$ b =

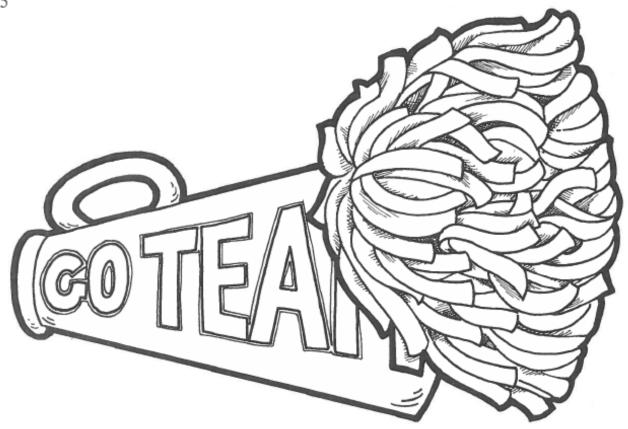4. $3e + 6 = 2e + 5$ e =

5. $\dfrac{a + 2}{5} = -2 + a$ a =

6. $4u - 4 = -10u + 24$ u =

7. $3a + 2 = 11$ a =

8. $-c \div 3 - 5 = -17$ c =

9. $-k + (-7) = 3k + 1$ k =

10. $-s + 2 = -3s - 6$ s =

Question: What football team is like an advertisement for an expensive vegetable?

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-6 2 36 -2   3 -5   -1 3 1 -4