

Name _____
Period _____

Test 4 Review

Date _____
Algebra 1 – Miss Frisina

1. Solve: $\frac{5c}{4} - \frac{1}{2} = \frac{2c}{3} + 6\frac{1}{2}$

2. Solve: $\frac{3t}{4} - 6 = \frac{t}{12}$

3. Solve: $\frac{s}{3} + 7 = \frac{s}{5} - 3$

4. Solve: $0.13x - 1.4 = 0.08x + 7.6$

5. Solve: $0.05(x - 8) = 0.07x$

6. Solve: $1.5y - 1.69 = 0.2y$

7. 25% of a number equals 32. Find the number.

8. 15% of a number decreased by 40 is equal to 7% of the number. Find the number.

9. If two-thirds of a number is increased by 20, the result is 35. Find the number.

10. If 5 is added to one-half of a number, the result is the same as when three-fifths of the number is decreased by 3. Find the number.

11. Find three consecutive integers such that sum of the first and third is 40.

12. Find three consecutive even integers such that the sum of the smallest and twice the second is 20 more than the third.

13. Find two consecutive odd integers whose sum is -105.

JMJ

14. Mr. Turkey can clean the windows of his house in 3 hours. His daughter can clean the windows in 6 hours. How long will it take them to clean the windows if they worked together?

15. A farmer working with his son can pick corn in the cornfield in 3 hours. Working alone, the farmer can pick the corn in 4 hours. How long will it take his son, working alone, to pick the corn?