Inequalities #2 (Add and Subtract)

1. 1. Solve the inequality: x + 3/4 > 1.5   1 point

    Mark only one oval.

    ⬭ A 0.60

    ⬭ B 0.80

    ⬭ C 0.75

    ⬭ D 0.50

2. 2. Solve the inequality: w + 3/4 > 3   1 point

    Mark only one oval.

    ⬭ A 5/4

    ⬭ B 7/4

    ⬭ C 9/4

    ⬭ D 11/4

3. 3. Solve the inequality: 2 < e + 1/5

    Mark only one oval.

    ⬭ A 1.7

    ⬭ B 1.9

    ⬭ C 1.8

    ⬭ D 1.6

4.   4. Solve the inequality: –9.1 < d – 6.3   1 point

Mark only one oval.

⬭ A -2.7

⬭ B -3.0

⬭ C -2.9

⬭ D -2.8

5.   5. Solve the inequality: 8/5 > s + 12/5   1 point

Mark only one oval.

⬭ A -3.5

⬭ B -4/5

⬭ C -1

⬭ D 0

6.   6. Solve the inequality: –7 > f – 8 –13   1 point

Mark only one oval.

⬭ A 14 > f

⬭ B -28 > f

⬭ C 21 > f

⬭ D -14 > f

7.   7. Solve the inequality: r – 4.7 > –1.6   1 point

Mark only one oval.

⬭ A 3.1

⬭ B 3.0

⬭ C 0

⬭ D 3.2

8.   8. Solve the inequality: 1.2 + 3.9 + c < 4.6   1 point

Mark only one oval.

⬭ A c < 2.9

⬭ B c < -5.1

⬭ C c < -0.5

⬭ D c < 9.7

9.   9. The perimeter of a triangle is less than 32.5 feet. Side one is 8.45 feet, side   1 point
        two is 9.98 feet and side three is "s" feet. Write and solve the inequality for the
        third side "s" feet.

Mark only one oval.

⬭ A 16.37 feet

⬭ B 14.87 feet

⬭ C 15.57 feet

⬭ D 13.07 feet

10. 10. Ashyra accepted a job as an architect. She is assigned to build a trapezoid 1 point
shape building with a perimeter of at least 4200 feet. The longest side length
is 1575.42 feet, the two side widths are 872.19 feet each. What is the
minimum length of the shortest side? Write and solve an inequality?

Mark only one oval.

A 872.30

B 880.20

C 820.40

D 858.10

11. 11. Solve the inequality: –14 > –5 + g   1 point

Mark only one oval.

A -8.5

B -9.5

C -8

D -9

12. 12. Solve the inequality: 69.25 + 78.37 + t < 235.40   1 point

Mark only one oval.

A 78.78

B 87.78

C 98.18

D 89.58

13.   13. A number w minus 3 is greater than -3. Write the inequality.   1 point

       Mark only one oval.

       ◯ A w < -3

       ◯ B w > -3 -3

       ◯ C w - 3 > -3

       ◯ D w > -3

14.   14. A number m and 1/2 is less than or equal to -3/2. Write the inequality.   1 point

       Mark only one oval.

       ◯ A m/2 < -3/2

       ◯ B m/2 <= -3/2

       ◯ C m + 1/2 <= -3/2

       ◯ D m + 1/2 < -3/2

15.   15. Solve the inequality: q + 0 - 1 - 2 > -3 + 0   1 point

       Mark only one oval.

       ◯ A 1

       ◯ B 0

       ◯ C -1

       ◯ D -3

16.   16. You can find the word of the day by going back and finding the answer to   1 point
        question #2. Use that letter a, b, c, or d, to answer this question. (This is your
        bonus point question)

Mark only one oval.

◯ A Learn

◯ B Direct

◯ C Push

◯ D Adjust

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