Solving Algebraic Expressions with Division Term

Name:

Solve each problem. Round your answer to 2 decimal places.

1) $4x + \frac{1}{7} - 8 = 19$

2) $\frac{3}{7} - 8x - 6 = 17$

3) $\frac{1}{3} - 6x - 3 = 14$

4) $-2x + 2 + \frac{6}{7} = 11$

5) $5x + \frac{4}{5} - 6 = 11$

6) $5x - 7 + \frac{1}{5} = 11$

7) $6x + \frac{4}{5} + 4 = 8$

8) $5 + \frac{2}{6} - 9x = 13$

9) $-3 - 8x + \frac{6}{8} = 16$

10) $3x + \frac{4}{5} + 6 = 18$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0

Math

Solve each problem. Round your answer to 2 decimal places.

1) $4x+{}^1\!/_7-8 = 19$

28x+1-56 = 133
28x = 188
6.71

2) ${}^3\!/_7-8x-6 = 17$

3-56x-42 = 119
-56x = 158
-2.82

3) ${}^1\!/_3-6x-3 = 14$

1-18x-9 = 42
-18x = 50
-2.78

4) $-2x+2+{}^6\!/_7 = 11$

-14x+14+6 = 77
-14x = 57
-4.07

5) $5x+{}^4\!/_5-6 = 11$

25x+4-30 = 55
25x = 81
3.24

6) $5x-7+{}^1\!/_5 = 11$

25x-35+1 = 55
25x = 89
3.56

7) $6x+{}^4\!/_5+4 = 8$

30x+4+20 = 40
30x = 16
0.53

8) $5+{}^2\!/_6-9x = 13$

30+2-54x = 78
-54x = 46
-0.85

9) $-3-8x+{}^6\!/_8 = 16$

-24-64x+6 = 128
-64x = 146
-2.28

10) $3x+{}^4\!/_5+6 = 18$

15x+4+30 = 90
15x = 56
3.73

Answers

1. _____ **6.71**

2. _____ **-2.82**

3. _____ **-2.78**

4. _____ **-4.07**

5. _____ **3.24**

6. _____ **3.56**

7. _____ **0.53**

8. _____ **-0.85**

9. _____ **-2.28**

10. _____ **3.73**