



PROBLEMS AND SOLUTIONS - ABSOLUTE VALUE EQUATIONS
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Please Send Questions and Comments to ingrid.stewart@csn.edu. Thank you!

PLEASE NOTE THAT YOU CANNOT USE A CALCULATOR ON THE ACCUPLACER - ELEMENTARY ALGEBRA TEST! YOU MUST BE ABLE TO DO THE FOLLOWING PROBLEMS WITHOUT A CALCULATOR!

Problem 1:

Solve $|4 - 5x| - 19 = 0$

Problem 2:

Solve $|3x| - 6 = 0$

Problem 3:

Solve $|x + 2| + 1 = 0$

Problem 4:

Solve $|x - 4| = 7$

Problem 5:

Solve $|3x + 2| - 1 = 4$

Problem 6:

Solve $|x| = 15$

SOLUTIONS

You can find detailed solutions below the link for this problem set!

1. $-3, \frac{23}{5}$	2. $-2, 2$	3. No solutions
4. $-3, 11$	5. $-\frac{7}{3}, 1$	6. $-15, 15$