

Math C  
8.2 (part 2)

Solve the given quadratic equation.

1.  $t^2 + 5t + 6 = 0$

2.  $0 = 2x^2 + 3x - 5$

3.  $7m^2 + 10m + 3 = 0$

4.  $6t^2 + 9t = -10$

5.  $5c^2 = 4 + 8c$

6.  $6 - 6d^2 = 5d$

7.  $-49 = m^2 + 14m$

8.  $15y^2 - 1 = 2y$

**Acces format version 3.60B**  
© 1997–2003 EducAide Software  
Licensed for use by Atwater High School

Math C    8.2 (part 2)    amiller    12/9/2020

**Answer List**

- |                       |                                |
|-----------------------|--------------------------------|
| 1. $-2, -3$           | 2. $1, -\frac{5}{2}$           |
| 3. $-1, -\frac{3}{7}$ | 4. $\emptyset$                 |
| 5. $2, -\frac{2}{5}$  | 6. $\frac{2}{3}, -\frac{3}{2}$ |
| 7. $-7$               | 8. $\frac{1}{3}, -\frac{1}{5}$ |

**Catalog List**

- |              |              |              |              |
|--------------|--------------|--------------|--------------|
| 1. ALG ND 2  | 2. ALG ND 6  | 3. ALG ND 18 | 4. ALG ND 22 |
| 5. ALG ND 26 | 6. ALG ND 30 | 7. ALG ND 34 | 8. ALG ND 42 |