

Math C

8.1 Practice Problems - part 2

Solve by factoring.

1.  $5y - y^2 = 0$

2.  $3y - 3y^2 = 0$

3.  $3m^2 - 4m = 0$

4.  $12m - 21m^2 = 0$

5.  $w^2 = -w$

6.  $-12a^2 = a$

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

8.  $n^2 - 6n - 40 = 0$

9.  $a^2 + 14a + 24 = 0$

10.  $0 = y^2 + y - 30$

11.  $m^2 + 9m + 18 = 0$

12.  $0 = a^2 - 19a - 20$

**Answer List**

- |                     |            |                       |
|---------------------|------------|-----------------------|
| 1. 0, 5             | 2. 0, 1    | 3. $0, \frac{4}{3}$   |
| 4. $0, \frac{4}{7}$ | 5. 0, -1   | 6. $0, -\frac{1}{12}$ |
| 7. -2, 5            | 8. 10, -4  | 9. -12, -2            |
| 10. -6, 5           | 11. -6, -3 | 12. 20, -1            |

**Catalog List**

- |               |               |               |
|---------------|---------------|---------------|
| 1. ALG JB 2   | 2. ALG JB 10  | 3. ALG JB 18  |
| 4. ALG JB 26  | 5. ALG JB 34  | 6. ALG JB 42  |
| 7. ALG JB 50  | 8. ALG JB 54  | 9. ALG JB 58  |
| 10. ALG JB 66 | 11. ALG JB 70 | 12. ALG JB 74 |