Name: _____

Solve the following equations.

1. $3x - 7 = 0$

ANSWER _____

2. $5x + 9 = 6$

ANSWER _____

3. $3x - 7 = 4x + 3$

ANSWER _____

4. $7x - 2 = 10 - 2x$

ANSWER _____

5. $4 - 3x = 8 - 6x$

ANSWER _____

6. $x^3 - x^2 = 0$

ANSWER _____

7. $x^3 - x = 0$

ANSWER _____

8. $x^2 - 5x - 14 = 0$

ANSWER _____

9. $3x^2 - 4x - 4 = 0$

ANSWER _____

10. $36x^3 + 18x^2 = 0$

ANSWER _____

Answers

1. $x = 7/3$

2. $x = -3/5$

3. $x = -10$

4. $x = 12/9$

5. $x = 4/3$

6. $x = 0, 1$

7. $x = 0, 1, -1$

8. $x = -2, 7$

9. $x = -2/3, 2$

10. $x = 0, -1/2$