NAME:_____

Solve:

1. $12x^2 + 11x - 15 = 0$

[A] $-\frac{5}{3}, \frac{3}{4}$ [B] $\frac{5}{3}, \frac{3}{4}$

[C] $\frac{5}{3}, -\frac{3}{4}$ [D] $-\frac{5}{3}, -\frac{3}{4}$

2. $8x^2 + 6x - 9 = 0$

[A] $\frac{3}{2}, -\frac{3}{4}$ [B] $-\frac{3}{2}, -\frac{3}{4}$

[C] $-\frac{3}{2}, \frac{3}{4}$ [D] $\frac{3}{2}, \frac{3}{4}$

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

[A] $1, -2$ [B] $-\frac{1}{2}, 3$

[C] $2, -12$ [D] $\frac{1}{2}, -3$

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

[A] $\frac{2}{3}, -1$ [B] $4, -6$

[C] $-\frac{2}{3}, 1$ [D] $2, -3$

5. $3x^2 + 7x = 20$

[A] $-4, \frac{5}{3}$ [B] $4, -\frac{5}{3}$

[C] $-4, \frac{3}{5}$ [D] $4, -\frac{3}{5}$

6. $3x^2 + x = 10$

[A] $2, -\frac{5}{3}$ [B] $-2, \frac{3}{5}$

[C] $-2, \frac{5}{3}$ [D] $2, -\frac{3}{5}$

7. Which is a solution of $5x^2 - 1 = 99$?

[A] $\sqrt{19.6}$ [B] $2\sqrt{5}$ [C] 10 [D] 100

Solve:

8. $3x^2 + 4x = 15$

9. $4x^2 + 5x = 6$

10. $4x^2 + 13x = 12$

[1] A

[2] C

[3] D

[4] A

[5] A

[6] C

[7] B

[8] $-3, \frac{5}{3}$

[9] $-2, \frac{3}{4}$

[10] $-4, \frac{3}{4}$