

NAME: _____

Solve:

$$1. \quad \frac{x^2}{2} + \frac{7x}{4} = -\frac{3}{2}$$

$$2. \quad \frac{x^2}{2} + \frac{x}{4} = \frac{3}{4}$$

$$3. \quad \frac{x^2}{2} - \frac{7x}{4} = -\frac{3}{2}$$

$$4. \quad \frac{x^2}{2} - \frac{x}{4} = \frac{3}{4}$$

$$5. \quad \frac{x^2}{2} + \frac{5x}{4} = -\frac{3}{4}$$

$$6. \quad \frac{x^2}{2} - \frac{5x}{4} = -\frac{3}{4}$$

$$7. \quad \frac{x^2}{2} - \frac{x}{4} = \frac{3}{2}$$

$$8. \quad \frac{x^2}{2} + \frac{x}{4} = \frac{3}{2}$$

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

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

[3] $\frac{3}{2}, 2$

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

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

[6] $\frac{3}{2}, 1$

[7] $-\frac{3}{2}, 2$

[8] $\frac{3}{2}, -2$
