

Daily Work

Date _____

Solve each equation with the quadratic formula.

1) $4a^2 - 11a = -9$

2) $9v^2 + 12 = 12v$

3) $9p^2 + 6 = p$

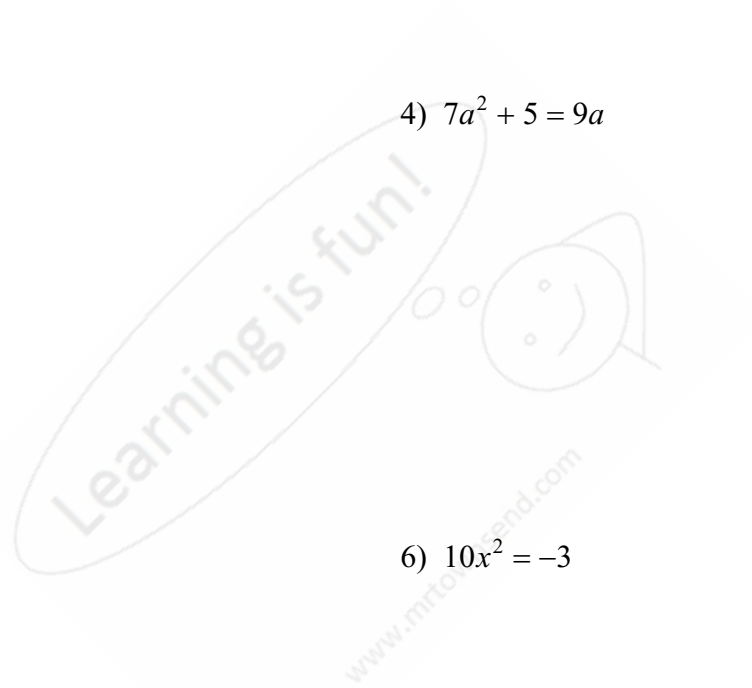
4) $7a^2 + 5 = 9a$

5) $11k^2 = -9 - 9k$

6) $10x^2 = -3$

7) $4x^2 = -6$

8) $n^2 + 10 = -4n$



Answers to Daily Work

$$1) \left\{ \frac{11 + i\sqrt{23}}{8}, \frac{11 - i\sqrt{23}}{8} \right\}$$

$$2) \left\{ \frac{2 + 2i\sqrt{2}}{3}, \frac{2 - 2i\sqrt{2}}{3} \right\}$$

$$3) \left\{ \frac{1 + i\sqrt{215}}{18}, \frac{1 - i\sqrt{215}}{18} \right\}$$

$$4) \left\{ \frac{9 + i\sqrt{59}}{14}, \frac{9 - i\sqrt{59}}{14} \right\}$$

$$5) \left\{ \frac{-9 + 3i\sqrt{35}}{22}, \frac{-9 - 3i\sqrt{35}}{22} \right\}$$

$$6) \left\{ \frac{i\sqrt{30}}{10}, -\frac{i\sqrt{30}}{10} \right\}$$

$$7) \left\{ \frac{i\sqrt{6}}{2}, -\frac{i\sqrt{6}}{2} \right\}$$

$$8) \{-2 + i\sqrt{6}, -2 - i\sqrt{6}\}$$

