

1. 1,3

---

2. 2, -1

---

3. 5

---

4.  $\frac{-1 - \sqrt{17}}{2}, \frac{-1 + \sqrt{17}}{2}$

---

5.  $\frac{1 - \sqrt{91}}{10}, \frac{1 + \sqrt{91}}{10}$

---

6.  $-6 + 2\sqrt{6}, -6 - 2\sqrt{6}$

---

7.  $5, -\frac{5}{3}$

---

8. (1) two real solutions.

---

9. (1) one real solution.

---

10. (1) two complex but not real solutions.

---