

$$\textcircled{c} 0 = 2x^2 - 13x + 6$$

$$x = \frac{-(-13) \pm \sqrt{(-13)^2 - 4(2)(6)}}{2(2)}$$

$$x = \frac{13 \pm \sqrt{169 - 48}}{4}$$

$$x = \frac{13 \pm \sqrt{121}}{4}$$

$$x = \frac{13 \pm 11}{4}$$

$$x = \frac{24}{4}, x = \frac{2}{4}$$

$$x = 6, x = \frac{1}{2}$$

$$0 = 5x^2 + 9x - 2$$

$$x = \frac{-9 \pm \sqrt{9^2 - 4(5)(-2)}}{2(5)}$$

$$x = \frac{-9 \pm \sqrt{81 + 40}}{10}$$

$$x = \frac{-9 \pm \sqrt{121}}{10}$$

$$x = \frac{-9 \pm 11}{10}$$

$$x = \frac{2}{10}, x = \frac{-20}{10}$$

$$x = \frac{1}{5}, x = -2$$

$$0 = 6x^2 - 35x + 49$$

$$x = \frac{-(-35) \pm \sqrt{(-35)^2 - 4(6)(49)}}{2(6)}$$

$$x = \frac{35 \pm \sqrt{1225 - 1176}}{12}$$

$$x = \frac{35 \pm \sqrt{49}}{12}$$

$$x = \frac{35 \pm 7}{12}$$

$$x = \frac{42}{12}, x = \frac{28}{12}$$

$$x = 3\frac{1}{2}, x = 2\frac{1}{3}$$

$$\textcircled{d} -3x^2 + 22x - 35 = 0$$

$$x = \frac{-22 \pm \sqrt{22^2 - 4(-3)(-35)}}{2(-3)}$$

$$x = \frac{-22 \pm \sqrt{484 - 420}}{-6}$$

$$x = \frac{-22 \pm \sqrt{64}}{-6}$$

$$x = \frac{-22 \pm 8}{-6}$$

$$x = \frac{-14}{-6}, x = \frac{-30}{-6}$$

$$x = 2\frac{1}{3}, x = 5$$

$$0 = 10x^2 - x - 24$$

$$x = \frac{-(-1) \pm \sqrt{(-1)^2 - 4(10)(-24)}}{2(10)}$$

$$x = \frac{1 \pm \sqrt{1 + 960}}{20}$$

$$x = \frac{1 \pm \sqrt{961}}{20}$$

$$x = \frac{1 \pm 31}{20}$$

$$x = \frac{32}{20}, x = \frac{30}{20}$$

$$x = 1\frac{3}{5}, x = 3\frac{1}{2}$$

$$0 = x^2 - 8x - 48$$

$$x = \frac{-(-8) \pm \sqrt{(-8)^2 - 4(1)(-48)}}{2(1)}$$

$$x = \frac{8 \pm \sqrt{64 + 192}}{2}$$

$$x = \frac{8 \pm \sqrt{256}}{2}$$

$$x = \frac{8 \pm 16}{2}$$

$$x = \frac{24}{2}, x = \frac{-8}{2}$$

$$x = 12, x = -4$$