

$$5 + ^{-}2 = 3$$

$$^{-}2 + ^{-}6 = ^{-}8$$

$$3 - 7 = ^{-}4$$

$$6 - ^{-}2 = 8$$

$$^{-}4 - 3 = ^{-}7$$

$$^{-}2 + 8 = 6$$

$$^{-}7 + 5 = ^{-}2$$

$$^{-}6 - ^{-}3 = ^{-}3$$

$$4 + 3 \times 2 = 10$$

$$10 - 5 + 2 = 7$$

$$3a + 2a = 5a$$

$$5a + 4b = 5a + 4b$$

$$2a^2 + 3a = 2a^2 + 3a$$

$$7a + 3 = 7a + 3$$

$$4a - a = 3a$$

$$5a - 5 = 5a - 5$$

$$3a(^{-}2) = ^{-}6a$$

$$5a + (^{-}3) = 5a - 3$$

$$4a + (5a) = 9a$$

$$7a(+3a) = 21a^2$$

$$\frac{3a}{3} = a \quad \frac{4a}{a} = 4 \quad \frac{2+a}{a} = \frac{2+a}{a}$$

$$\frac{5+a}{5} = \frac{5+a}{5} \quad 3a + 2 = 14$$

$$a = 4$$

$$\frac{a}{^{-}3} - 2 > 4 \quad \frac{24}{a} + 5 = 13$$

$$a < ^{-}18 \quad a = 3$$

$$5a - 21 = ^{-}2a + 14 \quad a^2 + 17 = 53$$

$$a = 5 \quad a = 6$$

$$^{-}3(3 + 2) + 36 \div 3^2 = ^{-}11 \quad (^{-}6)^2 = 36 \quad ^{-}7^2 = ^{-}49$$

$$a^1 = a \quad (a^3)^2 = a^6 \quad \frac{a^5}{a^2} = a^3 \quad a^{-4} = \frac{1}{a^4} \quad \frac{a^3}{a^6} = \frac{1}{a^3}$$

$$a^0 = 1 \quad a^2(a^3) = a^5$$

$$^{-}5a^2 = ^{-}5a^2 \quad \frac{a^5 b^3 c^2 e^4}{a^2 b^6 d e^4} = \frac{a^3 c^2}{b^3 d} \quad a^{-4} b^2 c^2 d^2 \cdot a^2 b^4 c d^{-2} = \frac{b^6 c^3}{a^2}$$

$$(^{-}4a)^2 = 16a^2$$

$$\frac{\sqrt{a}}{\sqrt{a}} = 1 \quad 3\sqrt{a} - 4 = 14 \quad 4\sqrt{a+3} = 20 \quad \frac{12\sqrt{15}}{20\sqrt{3}} = \frac{3\sqrt{5}}{5}$$

$$\frac{3}{\sqrt{a}} = \frac{3\sqrt{a}}{a} \quad a = 36 \quad a = 22$$

$$(\sqrt{a})^2 = a \quad \sqrt{24} = 2\sqrt{6} \quad \sqrt{45} + \sqrt{20} = 5\sqrt{5}$$

$$\sqrt{a^2} = a \quad \frac{3}{a-4} = \frac{7}{3a-2} \quad \frac{5}{a-3} - \frac{6}{a} = \frac{^{-}a+18}{a(a-3)}$$

$$(\sqrt{3a+2})^2 = 3a+2$$

$$\sqrt{3a^2 b^6} = ab^3\sqrt{3} \quad a = ^{-}11$$

$$a^2 - 2a - 24 = 0 \quad \frac{2a-6}{a^2-9} \cdot \frac{a^2+6a+9}{6} = \frac{a+3}{3}$$

$$a = 6 \text{ or } ^{-}4$$