

$5 + -2 = 3$	$3a + 2a = 5a$	$\frac{3a}{3} = a$	$\frac{4a}{a} = 4$	$\frac{2+a}{a} = \frac{2+a}{a}$
$-2 + -6 = -8$	$5a + 4b = 5a + 4b$			
$3 - 7 = -4$	$2a^2 + 3a = 2a^2 + 3a$	$\frac{5+a}{5} = \frac{5+a}{5}$		$3a + 2 = 14$
$6 - -2 = 8$	$7a + 3 = 7a + 3$			$a = 4$
$-4 - 3 = -7$	$4a - a = 3a$	$\frac{a}{-3} - 2 > 4$		$\frac{24}{a} + 5 = 13$
$-2 + 8 = 6$	$5a - 5 = 5a - 5$			
$-7 + 5 = 2$	$3a(-2) = -6a$			
$-6 - -3 = -3$	$5a + (-3) = 5a - 3$	$a < -18$		$a = 3$
$4 + 3 \times 2 = 10$	$4a + (5a) = 9a$	$5a - 21 = -2a + 14$		$a^2 + 17 = 53$
$10 - 5 + 2 = 7$	$7a(+3a) = 21a^2$			
		$a = 5$		$a = 6$

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

$a^1 = a$	$(a^3)^2 = a^6$	$\frac{a^5}{a^2} = a^3$	$a^{-4} = \frac{1}{a^4}$	$\frac{a^3}{a^6} = \frac{1}{a^3}$
$a^0 = 1$	$a^2(a^3) = a^5$			
$-5a^2 = -5a^2$				
$(-4a)^2 = 16a^2$	$\frac{a^5 b^3 c^2 e^4}{a^2 b^6 d e^4} = \frac{a^3 c^2}{b^3 d} a^{-4} b^2 c^2 d^2 \cdot a^2 b^4 c d^{-2} = \frac{b^6 c^3}{a^2}$			

$\frac{\sqrt{a}}{\sqrt{a}} = 1$	$3\sqrt{a} - 4 = 14$	$4\sqrt{a+3} = 20$	$\frac{12\sqrt{15}}{20\sqrt{3}} = \frac{3\sqrt{5}}{5}$
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$\frac{3}{\sqrt{a}} = \frac{3\sqrt{a}}{a}$	$a = 36$	$a = 22$
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$(\sqrt{a})^2 = a$	$\sqrt{24} = 2\sqrt{6}$	$\sqrt{45} + \sqrt{20} = 5\sqrt{5}$
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$\sqrt{a^2} = a$	$\frac{3}{a-4} = \frac{7}{3a-2}$	$\frac{5}{a-3} - \frac{6}{a} = \frac{-a+18}{a(a-3)}$
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$$(\sqrt{3a+2})^2 = 3a+2$$

$\sqrt{3a^2 b^6} = ab^3\sqrt{3}$	$a = -11$
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$a^2 - 2a - 24 = 0$ $a = 6 \text{ or } -4$	$\frac{2a-6}{a^2-9} \cdot \frac{a^2+6a+9}{6} = \frac{a+3}{3}$
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