

61
1 $(-42) \div (-7)$
2 $\frac{3}{8} - \frac{5}{6}$
3 $3(-a+2b-3) - (2a+5b-4)$
4 $24ab - 12ab^2 \div 3b$
5 $\frac{6}{\sqrt{18}} - (\sqrt{2} - 1)^2$
6 $(x-3)(x-5) + (x+2)(x-2)$
62
1 $(-7) + (-2)$
2 $0.3 \times (-0.4)$
3 $3(2x-5y+1) - 2(x-4y-5)$
4 $48ab^2 \div 6b \div 2ab$
5 $(\sqrt{12} + 2)(\sqrt{12} + 3) - \frac{18}{\sqrt{12}}$
6 $(x+1)(x-5) - (x-6)^2$
63
1 $24 \div (-6)$
2 $-\frac{1}{4} + \frac{5}{6}$
3 $5(3x-2y) - 3(x-3y-1)$
4 $20a^2b \div 12a^2 \times 3ab$
5 $(\sqrt{8} + 3)(\sqrt{8} - 2) + \frac{6}{\sqrt{2}}$
6 $(x+3)(x+5) - (x-3)^2$
64
1 $6 \times (-9)$
2 $\frac{8}{15} - \frac{5}{3}$
3 $7(a-2b+3) - 5(a-3b)$
4 $(-6x^2 + 8x) \div 8x$
5 $\frac{18}{\sqrt{6}} + (2 - \sqrt{6})^2$
6 $(x+5)^2 - (x+4)(x-4)$

65
1 $-9 + 4$
2 $4(a+3b-2) + 3(a-5b)$
3 $(12x-4) \times \frac{1}{4}x$
4 $(\sqrt{5} + 3)^2 - \frac{20}{\sqrt{5}}$
5 $(x+4)(x-4) - (x-5)(x+3)$
66
1 $(-4) \times 6$
2 $3(x+3y) - 2(x-5y)$
3 $(42a^2 + 12ab) \div 6a$
4 $\sqrt{8} + \frac{10}{\sqrt{2}} - 3\sqrt{2}$
5 $(x+2)(x-7) - (x-3)^2$
67
1 $7 + (-9)$
2 $(20ab^2 + 8ab) \div 4ab$
3 $(\sqrt{7} - 2)^2 + \frac{21}{\sqrt{7}}$
4 $(x-2)(x+7) - (x+5)(x-5)$
5 $\frac{1}{4}(5x+1) - \frac{1}{6}(x-5)$
68
1 $(-24) \div 6$
2 $4ab^2 \times 6ab \div 3a^2$
3 $(\sqrt{3} + 1)(\sqrt{3} + 3) - \frac{12}{\sqrt{3}}$
4 $(x+6)^2 - (x+5)(x-2)$
5 $\frac{1}{5}(4x+1) + \frac{1}{2}(3x-1)$

69
1 $8 - (-7)$
2 $48a^2b \div 6a \times 3b$
3 $(\sqrt{3} - 1)^2 + \frac{\sqrt{24}}{\sqrt{2}}$
4 $(x+7)(x-7) - (x+3)(x-5)$
5 $\frac{1}{5}(3x-1) - \frac{1}{3}(2x+1)$
70
1 $(-6) \times (-7)$
2 $(24a^2b - 12ab) \div 6ab$
3 $(\sqrt{5} + \sqrt{2})(\sqrt{5} - \sqrt{2}) + \frac{\sqrt{48}}{\sqrt{12}}$
4 $(x+4)(x-3) - (x-1)^2$
5 $\frac{1}{3}(2x-1) - \frac{1}{5}(x+3)$
71
1 $(-18) \div (-3)$
2 $45a^2b \div 9ab \times 3a$
3 $(\sqrt{6} - 2)(\sqrt{6} + 3) - \frac{\sqrt{12}}{\sqrt{2}}$
4 $(x+6)^2 - (x+2)(x-3)$
5 $\frac{1}{2}(5x-3) - \frac{1}{3}(7x-1)$
72
1 $5 + (-9)$
2 $(42xy^2 - 7xy) \div 7xy$
3 $\frac{\sqrt{15}}{\sqrt{3}} + (\sqrt{5} - 1)^2$
4 $(a+5)(a-5) - (a+2)(a-4)$
5 $\frac{1}{2}(3x-1) - \frac{1}{5}(2x-3)$

73
1 $4 \times (-6)$
2 $35ab^2 \div 5ab \times 4a$
3 $(\sqrt{3} + \sqrt{2})(\sqrt{3} - 2\sqrt{2}) + \frac{\sqrt{48}}{\sqrt{2}}$
4 $(x+4)(x-4) - (x-5)^2$
5 $\frac{1}{4}(5x+3) - \frac{1}{5}(6x-1)$
74
1 $-7 + 2$
2 $24x^2y \div 6xy \times 3y$
3 $(\sqrt{5} + 2)^2 - \frac{\sqrt{90}}{\sqrt{2}}$
4 $(a+3)(a-3) + (a-1)(a-5)$
5 $\frac{1}{3}(5x+2) - \frac{1}{4}(3x-7)$
75
1 $27 \div (-3)$
2 $(18ab^2 - 6ab) \div 3ab$
3 $\frac{\sqrt{60}}{\sqrt{5}} + (\sqrt{3} + 3)(\sqrt{3} - 1)$
4 $(x-4)^2 - (x+5)(x-5)$
5 $\frac{1}{4}(5x+1) - \frac{1}{6}(7x-2)$
76
1 $4 + (-7)$
2 $32x^2y \div 8xy \times 3x$
3 $(\sqrt{2} - 3)^2 + \frac{6}{\sqrt{2}}$
4 $(a+7)(a-7) - (a+3)(a-3)$
5 $\frac{5x+1}{6} - \frac{2x+4}{3}$

77
1 $(-7) \times 6$
2 $30a^2b \div 6ab \times 3b$
3 $\sqrt{2}(\sqrt{8} + \sqrt{24}) + \frac{\sqrt{60}}{\sqrt{5}}$
4 $(x+4)(x-4) - (x-5)^2$
5 $\frac{2x-1}{3} - \frac{3x+2}{5}$
78
1 $-9 + 5$
2 $(12a^2b - 20ab) \div 4ab$
3 $\sqrt{12} \times \sqrt{6} - \frac{\sqrt{24}}{\sqrt{3}}$
4 $(x-4)(x+5) - (x+7)(x-7)$
5 $\frac{2x-1}{5} - \frac{x-3}{4}$
79
1 $(-24) \div (-8)$
2 $24xy^2 \div 6xy \times 5x$
3 $(\sqrt{3} + 5)(\sqrt{3} - 2) - \sqrt{27}$
4 $(a-3)^2 - (a+5)(a-5)$
5 $\frac{5x-1}{4} - \frac{2x-1}{3}$
80
1 $5 \times (-9)$
2 $\frac{1}{6} - \frac{5}{4}$
3 $(\sqrt{6} - 2)^2 + \sqrt{24}$
4 $(-6a)^2 \div 9a \times 3a$
5 $(5x+2)(5x-2) - (x+4)(x-1)$