Question 1	Question 2	Question 3	Question 4
Expand and simplify (x - 6)(x - 3)	Expand and simplify (4x + 3)(2x - 1)	Simplify 8V2 - 4V2	Simplify 8√5 + 7√5
Question 5 Find the gradient of the line $2y = 12x - 1$	Question 6 Find the gradient of the line $3y = -15x + 4$	Question 7 Work out the value of 19 + 3a when a = 3	Question 8 Work out the value of $5x^2 - 3x$ when $x = 3$
Question 9 Find the nth term: 12, 22, 32, 42,	Question 10 Find the nth term: 3, -1, -5, -9,	Question 11 Solve by factorising $x^2 + 8x + 16 = 0$	Question 12 Solve by factorising $x^2 + 2x - 35 = 0$
Question 13 Evaluate	Question 14 Evaluate	Question 15 Solve 3x + 4 < 1	Question 16 Solve 6x - 1 > 2x + 1
4-1	3-2		
Question 17	Question 18	Question 19	Question 20
Work out $3 \times 10^5 + 5.4 \times 10^4$	Work out 4.2 × 10 ⁵ - 8.8 × 10 ⁴	Find the gradient of the line joining the points (5, 4) and (9, 12)	Find the gradient of the line joining the points (0, 2) and (-2, -4)

Question 1	Question 2	Question 3	Question 4
Expand and simplify (x - 1)(x - 2)	Expand and simplify (5x - 4)(2x + 1)	Simplify 3√3 - √3	Simplify 9V7 - 8V7
Question 5 Find the gradient of the line 2y + 4x = 1	Question 6 Find the gradient of the line 2y = 8x + 6	Question 7 Work out the value of $5x - 7$ when $x = -6$	Question 8 Work out the value of $2x^2 - 3x$ when $x = 4$
Question 9 Find the nth term: 4, 6, 8, 10,	Question 10 Find the nth term: 1, -2, -5, -8,	Question 11 Solve by factorising $x^2 + 12x + 36 = 0$	Question 12 Solve by factorising $x^2 + 2x - 15 = 0$
Question 13 Evaluate	Question 14 Evaluate	Question 15 Solve 6x + 4 > 7	Question 16 Solve 7x + 5 < 3x + 25
$9^{\frac{1}{2}}$	10-3		
Question 17 Work out 3.8 × 10 ⁵ + 2.3 × 10 ⁴	Question 18 Work out 2.2 × 10 ⁵ + 2.3 × 10 ⁴	Question 19 Find the gradient of the line joining the points (4, 3) and (8, 19)	Question 20 Find the gradient of the line joining the points (2, 3) and (8, -9)

Question 1	Question 2	Question 3	Question 4
Expand and simplify (x - 7)(x + 1)	Expand and simplify (3x - 2)(5x + 3)	Simplify 6V2 + 2V2	Simplify 5V5 - 5V5
Question 5 Find the gradient of the line $2y = 16x + 5$	Question 6 Find the gradient of the line $3y = 24x + 4$	Question 7 Work out the value of 15 + 2a ² when a = 10	Question 8 Work out the value of $2x^2 - x$ when $x = -2$
Question 9 Find the nth term: 15, 24, 33, 42,	Question 10 Find the nth term: 4, 1, -2, -5,	Question 11 Solve by factorising $x^2 - 10x + 24 = 0$	Question 12 Solve by factorising $x^2 - x - 42 = 0$
Question 13 Evaluate	Question 14 Evaluate	Question 15 Solve 13x + 2 < 47.5	Question 16 Solve 5x - 3 < 3x + 3
2 ⁶	$9\frac{3}{2}$		
Question 17	Question 18	Question 19	Question 20
Work out $2.4 \times 10^5 - 3.3 \times 10^4$	Work out 2.5 × 10 ⁴ - 1.9 × 10 ³	·	Find the gradient of the line joining the points (4,5) and (-1,30)

Question 1	Question 2	Question 3	Question 4
Expand and simplify (x - 4)(x + 2)	Expand and simplify (4x - 1)(2x + 1)	Simplify 8√2 - √2	Simplify $\sqrt{2} + 8\sqrt{2}$
Question 5 Find the gradient of the line 2y + 4x = 4	Question 6 Find the gradient of the line $3y = -15x - 1$	Question 7 Work out the value of 10 + y when y = -5	Question 8 Work out the value of $4x + 3x^2$ when $x = 3$
Question 9 Find the nth term: 8, 14, 20, 26,	Question 10 Find the nth term: 1, -2, -5, -8,	Question 11 Solve by factorising $x^2 + 12x + 35 = 0$	Question 12 Solve by factorising $x^2 - 5x - 14 = 0$
Question 13 Evaluate	Question 14 Evaluate	Question 15 Solve 5x + 3 < 15.5	Question 16 Solve 7x + 4 < 3x - 8
2^{-4}	$16^{\frac{3}{4}}$		
Question 17	Question 18	Question 19	Question 20
Work out 3.5 × 10 ⁵ - 8.2 × 10 ⁴	Work out $3.5 \times 10^5 + 6.6 \times 10^4$	Find the gradient of the line joining the points (-5, -1) and (-1, 3)	Find the gradient of the line joining the points (-5, 4) and (-8, -5)

Question 1	Question 2	Question 3	Question 4
Expand and simplify $(x + 7)(x + 2)$	Expand and simplify (3x + 1)(5x - 2)	Simplify 2V2 + 8V2	Simplify 7v3 + 6v3
Question 5 Find the gradient of the line $3y = -15x + 4$	Question 6 Find the gradient of the line y + 2x = 1	Question 7 Work out the value of 5a - 6 when a = -4	Question 8 Work out the value of $2x^2 + 4x$ when $x = -1$
Question 9 Find the nth term: 5, 16, 27, 38,	Question 10 Find the nth term: 2, -1, -4, -7,	Question 11 Solve by factorising $x^2 + 7x + 6 = 0$	Question 12 Solve by factorising $x^2 - x - 20 = 0$
Question 13 Evaluate	Question 14 Evaluate	Question 15 Solve 14x + 5 < 9	Question 16 Solve 8x - 2 < 6x - 6
$125^{-\frac{1}{3}}$	$16^{-\frac{3}{2}}$		
Question 17 Work out 1.5 × 10 ⁴ - 8.3 × 10 ³	Question 18 Work out 3.1×10^5 - 4.4×10^4	Question 19 Find the gradient of the line joining the points (-5 , 1) and (-7 , -7)	Question 20 Find the gradient of the line joining the points (3, 4) and (8, 14)

Question 1	Question 2	Question 3	Question 4
Expand and simplify (x - 7)(x - 7)	Expand and simplify (4x + 2)(3x - 2)	Simplify 7V5 - 2V5	Simplify 5v3 - 3v3
Question 5 Find the gradient of the line $y + 8x = -1$	Question 6 Find the gradient of the line y = -2x - 2	Question 7 Work out the value of 4a - 8 when a = -5	Question 8 Work out the value of $2x^2 - x$ when $x = 1$
Question 9 Find the nth term: 9, 13, 17, 21,	Question 10 Find the nth term: 3, -4, -11, -18,	Question 11 Solve by factorising $x^2 + 6x + 5 = 0$	Question 12 Solve by factorising $x^2 - 3x - 18 = 0$
Question 13 Evaluate	Question 14 Evaluate	Question 15 Solve 15x + 3 < -42	Question 16 Solve 6x + 5 < 5x + 7
$\left(\frac{1}{2}\right)^{-2}$	$100^{-\frac{3}{2}}$		
Question 17 Work out $4.8 \times 10^5 - 2.6 \times 10^4$	Question 18 Work out $2.1 \times 10^5 - 8.3 \times 10^4$	Question 19 Find the gradient of the line joining the	Question 20 Find the gradient of the line joining the
		points (-3 , -4) and (-4 , -1)	points (-3 , 1) and (1 , -15)

Question 1	Question 2	Question 3	Question 4
Expand and simplify (x + 7)(x + 3)	Expand and simplify (4x - 3)(5x + 1)	Simplify 3√3 - √3	Simplify 6V3 + V3
Question 5 Find the gradient of the line $y + 7x = 3$	Question 6 Find the gradient of the line $3y = 6x + 4$	Question 7 Work out the value of 26 + 2c when c = 10	Question 8 Work out the value of $3x^2 + 4x$ when $x = 2$
Question 9 Find the nth term: 7, 10, 13, 16,	Question 10 Find the nth term: -3, -11, -19, -27,	Question 11 Solve by factorising x ² - 8x - 20= 0	Question 12 Solve by factorising $x^2 - 36 = 0$
Question 13 Evaluate	Question 14 Evaluate	Question 15 Solve 9x - 5 > 8.5	Question 16 Solve 7x - 5 < 2x + 10
$\left(\frac{1}{4}\right)^{-\frac{3}{2}}$	$\left(\frac{1}{100}\right)^{-\frac{3}{2}}$		
Question 17 Work out $4.7 \times 10^5 - 1.5 \times 10^4$	Question 18 Work out 2.4 × 10 ⁴ - 1.9 × 10 ³	Question 19 Find the gradient of the line joining the points (2, 1) and (4, -1)	Question 20 Find the gradient of the line joining the points (-4, 2) and (-2, 0)
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