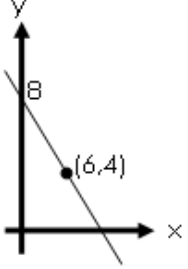
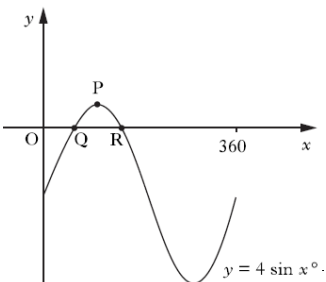
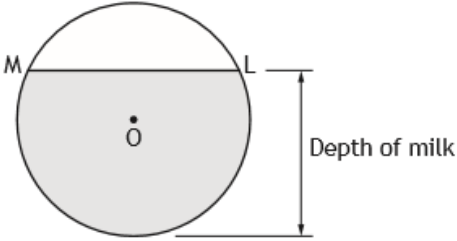
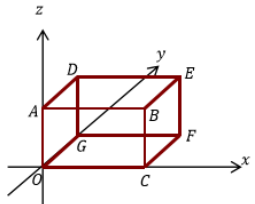


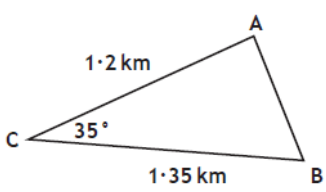
		My Working
1	Evaluate $6\frac{1}{5} - 2\frac{1}{3}$	
2	Find the equation of the line 	
3	Express $a^2(2a^{\frac{-1}{2}} + a)$ in its simplest form	
4	Solve $x - 2(x - 1) = 8$	
5	Solve $4\sin x = 2$ for $0^\circ < x < 360^\circ$	

		My Working
6	Find the standard deviation for $3, 8, 14, 20$ Give your answer to 3 significant figures	
7	Factorise fully $2x^2 - 32$	
8	A house is bought for £74,000, increases in value 4.5% every year for 3 years. What is its new value?	
9	A triangle has sides 83cm, 79cm and 19cm. Is it right angled?	
10	Find the roots of the equation $y = x^2 - x - 6$	

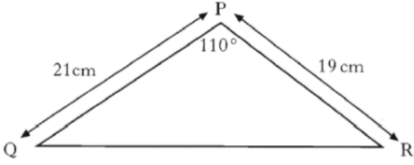
		My Working
11	<p>Evaluate</p> $14.2 + 8.3 \times 40$	
12	<p>Find the equation of the straight line passing through the points $(2, -3)$ and $(2, 9)$</p>	
13	<p>Simplify</p> $\frac{\sqrt{12}}{\sqrt{60}}$	
14	<p>Change the subject of the formula to b.</p> $L = 3a - \sqrt{b}$	
15	<p>The graph shows $y = 5\sin x - 4$. Find P and Q</p> 	

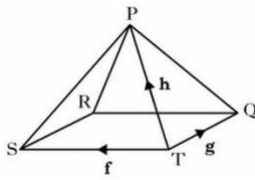
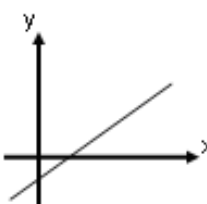
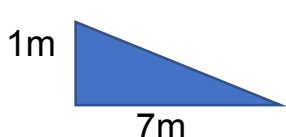
		My Working
16	Solve to one decimal place $2x^2 + 4x - 9 = 0$	
17	Factorise $2x^2 + 7x - 15$	
18	John paid £297.50 for a laptop in a sale. The discount in the sale was 15%. Calculate the original price.	
19	 <p>LM = 1.2m Radius = 1.8m Find the depth of milk</p>	
20	Find the roots of the equation $y = x^2 - 2x - 15$	


		My Working
21	<p>E has coordinates (5, 3, 1) Find the shortest distance between D and C</p> 	
22	<p>Find the equation of a straight line through (2, -5) and parallel to $y = 3x - 5$</p>	
23	<p>Simplify</p> $x^{\frac{1}{2}} \left(x^{\frac{1}{4}} + 3 \right)$	
24	<p>Solve</p> $x - 3(x - 7) = 9$	
25	<p>Sketch the graph of</p> $y = 4\cos 2x$ <p>for $0 \leq x \leq 360$</p>	

		My Working
26	Find the volume of a sphere with radius 9m, giving your answer to two significant figures	
27	Remove the brackets and simplify $(2x + 2)^2 - 2(x^2 - 2)$	
28	John paid £20,000 for a motorbike but it depreciated 5.5% each year for 7 years. What was its value after 7 years?	
29	 <p>Find length AB</p>	
30	Prove $\sin^3 x + \sin x \cos^2 x = \sin x$	

		My Working
31	Evaluate without a calculator: $\frac{2.1 + 3.2 \times 5}{2^3}$	
32	Does the point $(-2, 4)$ lie on the line $y = 3x + 10$? Explain your answer.	
33	Simplify $\sqrt{40} + 4\sqrt{10} + \sqrt{90}$	
34	Simplify $(x - 5)(3x - 2)$	
35	Sketch the graph of $y = 3\sin(0.5x)$ for $0 \leq x \leq 360$	

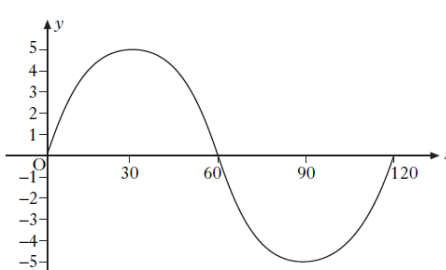
		My Working
36	<p>Solve</p> $3x^2 + 3x - 7 = 0$ <p>giving your answer correct to 1 decimal place</p>	
37	<p>Factorise</p> $6x^2 - 24x - 30$	
38	<p>In a sale, a book now cost £36. What was it worth before a 20% discount?</p>	
39	<p>Find the area of the triangle</p> 	
40	<p>Sketch</p> $y = (x + 2)(x - 3)$ <p>Label the intercepts and turning point</p>	

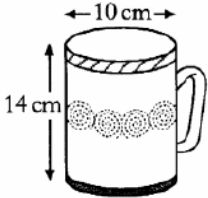
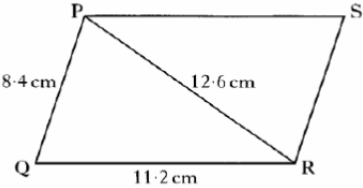
		My Working
41	<p>Express \overrightarrow{RP} in terms of f, g and h</p> 	
42	 <p>Chose the correct equation for the above graph</p> <ol style="list-style-type: none"> $y = 2x + 1$ $y = -2x + 1$ $y = 2x - 1$ $y = 2x^2 - 1$ 	
43	<p>Find the longest side of this right-angled triangle leaving your answer as a surd.</p> 	
44	<p>Solve</p> $11 - 2(1 + 3x) < 39$	
45	<p>Solve $2\tan x + 5 = -4$</p> <p>for $0^\circ < x < 180^\circ$</p>	

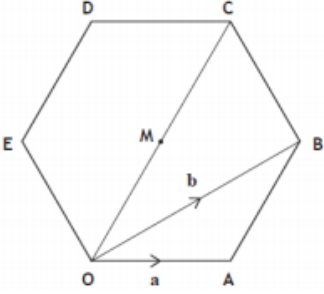
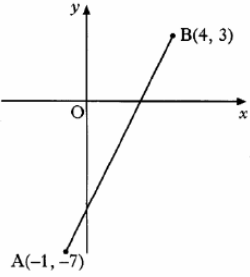
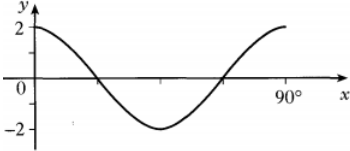
		My Working
46	<p>The standard deviation of</p> <p style="text-align: center;">$1, 2, 2, 2, 8$ is \sqrt{a}</p> <p>Find a</p>	
47	<p>Multiply out the brackets and simplify</p> <p style="text-align: center;">$(3x + 2)(x^2 - 4x + 3)$</p>	
48	<p>The population of the UK is 64.1 million. If it increased by 3% for the next 7 years, what would it be?</p>	
49	<p>The square below has side length y. If the diagonal is 6m. Find the exact length y</p> <div style="text-align: center; margin: 10px 0;">  </div>	
50	<p>Show that</p> $\frac{1 - \cos^2 a}{\cos^2 a} = \tan^2 a$	

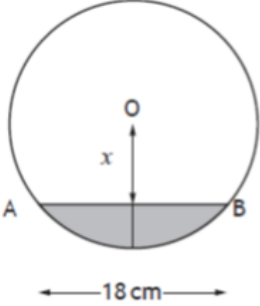
100
Exam Questions

Mark = /10

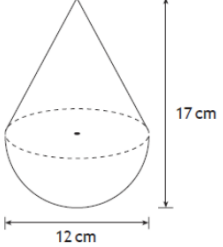
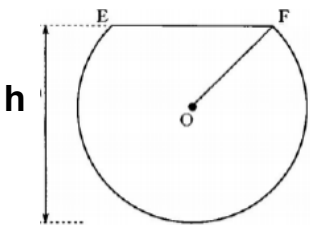
		My Working
51	<p>Evaluate</p> $\frac{5}{12} \times 2\frac{2}{9}$ <p>Give the answer in its simplest form</p>	
52	<p>A straight line has gradient 4 and it passes through the points (2,4) and (1, a)</p> <p>Find the value of a</p>	
53	<p>Evaluate</p> $2^0 + 3^{-1}$	
54	<p>Change the subject of the formula to u</p> $v^2 = u^2 + 2as$	
55	<p>What is the equation of the graph below?</p> 	

		My Working
56	<p>Calculate the capacity of the cylindrical mug below</p> <div style="text-align: center;">  <p>The diagram shows a cylindrical mug. A horizontal double-headed arrow above the top rim indicates a diameter of 10 cm. A vertical double-headed arrow to the left of the mug indicates a height of 14 cm. The mug has a handle on the right side and a decorative pattern of small circles on its front face.</p> </div>	
57	<p>Factorise</p> $(100x^2 - 500x - 2400)$	
58	<p>The restaurant bill included 8% tax. If the bill was £324, what was the bill before tax?</p>	
59	<p>Calculate angle PQR</p> <div style="text-align: center;">  <p>The diagram shows a quadrilateral PQRS. Side PQ is labeled 8.4 cm, side QR is labeled 11.2 cm, and diagonal PR is labeled 12.6 cm. The vertices are labeled P (top-left), S (top-right), Q (bottom-left), and R (bottom-right).</p> </div>	
60	<p>Write down the turning point and the equation of the axis of symmetry</p> $y = (x - 3)^2 + 4$	

		My Working
61	<p>Express \overrightarrow{AB} in terms of a & b Express \overrightarrow{OC} in terms of a & b</p> 	
62	<p>Find the equation of this line</p> 	
63	<p>Find</p> $27^{\frac{2}{3}}$	
64	<p>Solve</p> $2x - 1 = \frac{x - 4}{3}$	
65	<p>What is the equation of the graph below</p> 	

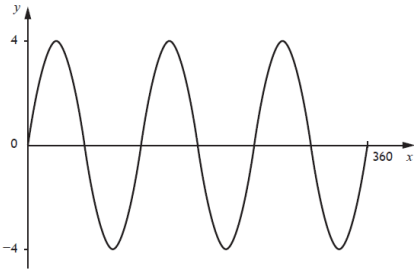
		My Working
66	<p>Show that the s.d. of 1,1,1,2,5 is $\sqrt{3}$ and write down the s.d. of 101,101,101,102,105</p>	
67	<p>Multiply out and simplify</p> $2(x^2 - 4x + 3) - x(x - 3)$	
68	<p>Rob normally cycles a total distance of 56 miles per week. He increases his distance by 15% each week for the next three weeks. How many miles will he cycle in the third week?</p>	
69	<p>Depth of water in the cylindrical tank is 5m. Calculate the radius</p> 	
70	<p>Show that</p> $\frac{\tan x}{\sin x} = \frac{1}{\cos x}$	

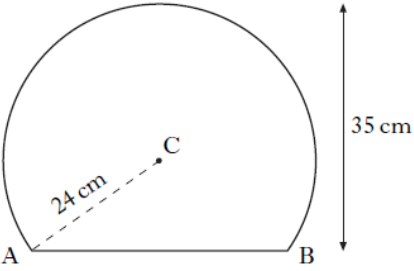
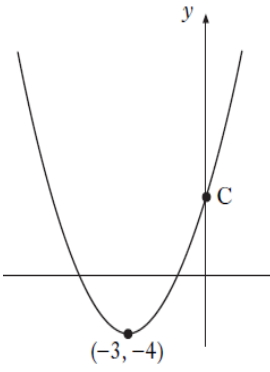
		My Working
71	Without using a calculator find 17.5% of £90	
72	For the straight-line equation $y = mx + c$ When $m > 0$ and $c < 0$ sketch a possible graph	
73	Simplify $\frac{6xy^3}{8x^4y^2}$	
74	Write as a single fraction $\frac{2}{x} + \frac{4}{x-2}$	
75	Solve the equation $11\cos x^\circ - 2 = 3$ for $(0 \leq x \leq 360^\circ)$	

		My Working
76	<p>Find volume to 2 s.f.</p>  <p>The diagram shows a cone with a vertical height of 17 cm and a circular base with a diameter of 12 cm. The base is represented by a solid front half and a dashed back half to show its three-dimensional nature.</p>	
77	<p>Factorise</p> $16x^2 - 1$	
78	<p>A 900g box has 20% extra washing powder. How much washing powder was in a standard size box?</p>	
79	<p>EF = 18 m OF = radius = 15 m Find h</p>  <p>The diagram shows a circle with center O. A horizontal chord EF is drawn. A vertical line segment of length h is drawn from the center O to the chord EF, meeting it at its midpoint. The radius OF is labeled as 15 m.</p>	
80	<p>Describe the nature of the roots</p> $y = x^2 - 3x + 3$	

100
Exam Questions

Mark = /10

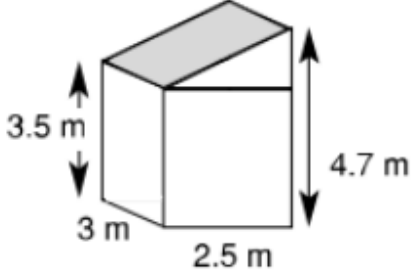
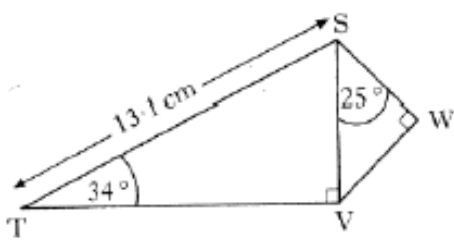
		My Working
81	Evaluate $3\frac{2}{5} - 2\frac{1}{3}$	
82	Find the gradient and y-intercept for the straight line: $3x - 17 = 15y$	
83	Express the below with a rational denominator in its simplest form $\frac{8}{\sqrt{8}}$	
84	Change the subject of the formula to R $P = R^3b - 5$	
85	State the equation of the graph below 	

		My Working
86	Make two valid comparisons for the two maths scores: Class A: Mean = 65%, s.d. = 12% Class B: Mean = 59%, s.d. = 10%	
87	Factorise $4a^2 - 60a - 136$	
88	A new car cost £25000. Its value was expected to decrease every year by 20%. Find its expected value after 7 years.	
89	Find the length AB 	
90	Below is a graph of $y = (x - a)^2 + b$ Find coordinates of c 	

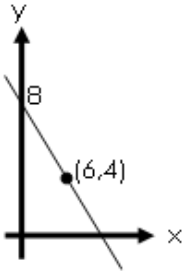
**N5 Self Check
Ten**

Mark = /10

		My Working
91	Find $ u $, the magnitude of $u = \begin{bmatrix} 6 \\ -13 \\ 18 \end{bmatrix}$	
92	Find the equation of a straight line between $(-7, 4)$ and $(-3, 5)$	
93	Express in its simplest form $y^8 \times (y^3)^{-2}$	
94	Solve for y $\frac{2(y-3)}{4} = \frac{y+5}{3}$	
95	Solve algebraically the equation $\sqrt{3}\sin x^\circ - 1 = 0$ for $0 \leq x \leq 360$	

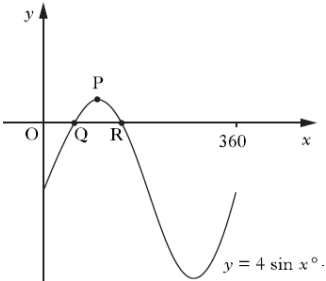
		My Working
96	<p>Find the total volume of the shape below.</p> 	
97	<p>Multiply out and simplify</p> $(y - 2)^3$	
98	<p>I bought a new racing bike for £1500. This included VAT at 20%. What was the cost before VAT was added?</p>	
99	<p>Find the length SW</p> 	
100	<p>Express</p> $x^2 - 14x + 44$ <p>in the form</p> $(x - a)^2 + b$	

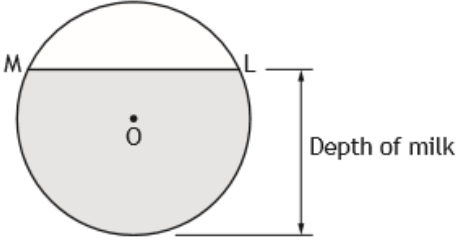
Answers

		Answers
1	Evaluate $6\frac{1}{5} - 2\frac{1}{3}$	$3\frac{13}{15}$
2	Find the equation of the line 	$y = -\frac{2}{3}x + 8$
3	Express $a^2(2a^{\frac{-1}{2}} + a)$ in its simplest form	$2a^{\frac{3}{2}} + a^3$
4	Solve $x - 2(x - 1) = 8$	$x = -6$
5	Solve $4\sin x = 2$ for $0^\circ < x < 360^\circ$	$x = 30^\circ, 150^\circ$

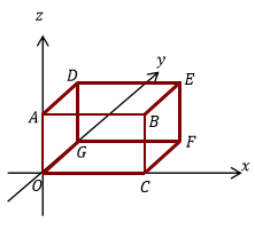
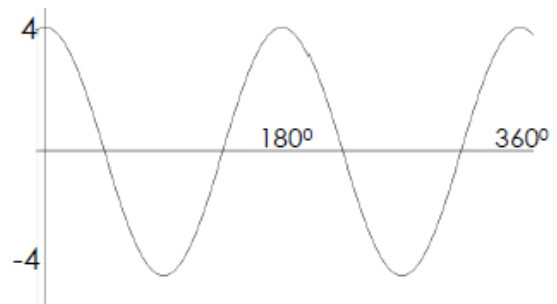
		Answers
6	Find the standard deviation for $3, 8, 14, 20$ Give your answer to 3 significant figures	s.d. = 7.37 (3 s.f.)
7	Factorise fully $2x^2 - 32$	$2(x + 4)(x - 4)$
8	A house is bought for £74,000, increases in value 4.5% every year for 3 years. What is its new value?	New Value = £84,446.29
9	A triangle has sides 83cm, 79cm and 19cm. Is it right angled?	$83^2 = 6889$ $19^2 + 79^2 = 6602$ Since $83^2 \neq 19^2 + 79^2$ then by the Converse of Pythagoras the triangle is not right-angled.
10	Find the roots of the equation $y = x^2 - x - 6$	$x = 3, x = -2$

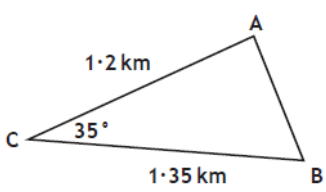
Answers

		Answers
11	Evaluate $14.2 + 8.3 \times 40$	346.2
12	Find the equation of the straight line passing through the points $(2, -3)$ and $(2, 9)$	$x = 2$
13	Simplify $\frac{\sqrt{12}}{\sqrt{60}}$	$\frac{1}{\sqrt{5}}$
14	Change the subject of the formula to b . $L = 3a - \sqrt{b}$	$b = (3a - L)^2$
15	The graph shows $y = 5\sin x - 4$. Find P and Q 	$Q(53.1^\circ, 0)$ $P(90^\circ, 1)$

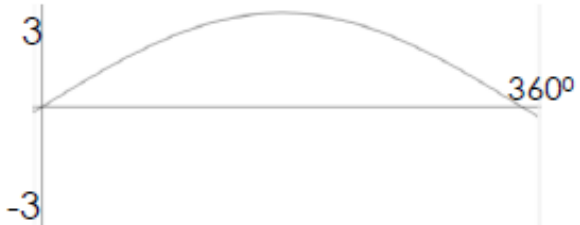
		Answers
16	Solve to one decimal place $2x^2 + 4x - 9 = 0$	$x = 1.3$ or $x = -3.3$ (1 d.p.)
17	Factorise $2x^2 + 7x - 15$	$(2x - 3)(x + 5)$
18	John paid £297.50 for a laptop in a sale. The discount in the sale was 15%. Calculate the original price.	Original Price = £350
19	 <p>LM = 1.2m Radius = 1.8m Find the depth of milk</p>	Depth = 2.897 m
20	Find the roots of the equation $y = x^2 - 2x - 15$	$x = 5, \quad x = -3$

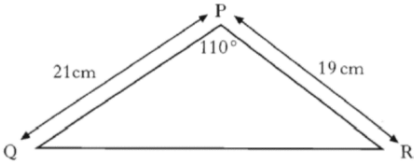
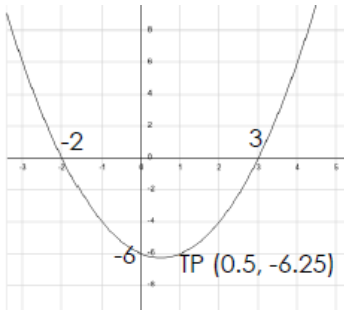
Answers

		Answers
21	<p>E has coordinates (5, 3, 1) Find the shortest distance between D and C</p> 	$\sqrt{35}$
22	<p>Find the equation of a straight line through (2, -5) and parallel to $y = 3x - 5$</p>	$y = 3x - 11$
23	<p>Simplify</p> $x^{\frac{1}{2}} \left(x^{\frac{1}{4}} + 3 \right)$	$x^{\frac{3}{4}} + 3x^{\frac{1}{2}}$
24	<p>Solve</p> $x - 3(x - 7) = 9$	$x = 6$
25	<p>Sketch the graph of</p> $y = 4\cos 2x$ <p>for $0 \leq x \leq 360$</p>	

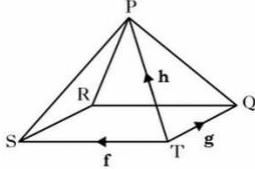
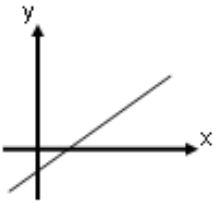
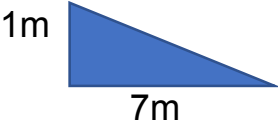
		Answers
26	Find the volume of a sphere with radius 9m, giving your answer to two significant figures	$V = 3100m^3$ (2 s.f.)
27	Remove the brackets and simplify $(2x + 2)^2 - 2(x^2 - 2)$	$2x^2 + 8x + 8$
28	John paid £20,000 for a motorbike but it depreciated 5.5% each year for 7 years. What was its value after 7 years?	Value = £13,460.24
29	 <p>Find length AB</p>	AB = 0.78 km
30	Prove $\sin^3 x + \sin x \cos^2 x = \sin x$	$\sin x(\sin^2 x + \cos^2 x) = \sin x$ $\sin x(1) = \sin x$ $\sin x = \sin x$


Answers

		Answers
31	Evaluate without a calculator: $\frac{2.1+3.2 \times 5}{2^3}$	2.2625
32	Does the point $(-2, 4)$ lie on the line $y = 3x + 10$? Explain your answer.	Point lies on the line since substituting $x = -2$ and $y = 4$ into $y = 3x + 10$ gives: $4 = 3 \times (-2) + 10$ $4 = 4$
33	Simplify $\sqrt{40} + 4\sqrt{10} + \sqrt{90}$	$9\sqrt{10}$
34	Simplify $(x - 5)(3x - 2)$	$3x^2 - 17x + 10$
35	Sketch the graph of $y = 3\sin(0.5x)$ for $0 \leq x \leq 360$	

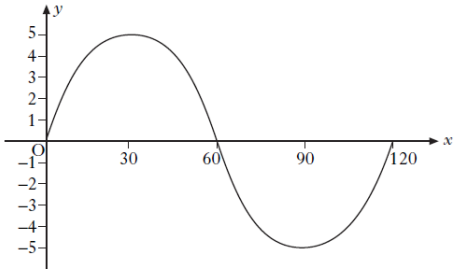
		Answers
36	<p>Solve</p> $3x^2 + 3x - 7 = 0$ <p>giving your answer correct to 1 decimal place</p>	$x = 1.1 \text{ or } -2.1$
37	<p>Factorise</p> $6x^2 - 24x - 30$	$6(x - 5)(x + 1)$
38	<p>In a sale, a book now cost £36. What was it worth before a 20% discount?</p>	£45
39	<p>Find the area of the triangle</p> 	$\text{Area} = 187.45\text{cm}^2$
40	<p>Sketch</p> $y = (x + 2)(x - 3)$ <p>Label the intercepts and turning point</p>	

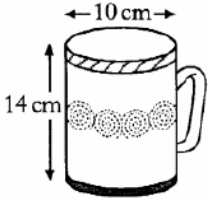
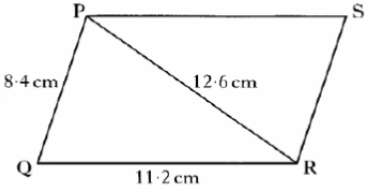
Answers

		Answers
41	<p>Express \overrightarrow{RP} in terms of f, g and h</p> 	$\overrightarrow{RP} = -f - g + h$
42	 <p>Chose the correct equation for the above graph</p> <ol style="list-style-type: none"> $y = 2x + 1$ $y = -2x + 1$ $y = 2x - 1$ $y = 2x^2 - 1$ 	$y = 2x - 1$
43	<p>Find the longest side of this right-angled triangle leaving your answer as a surd.</p> 	$5\sqrt{2} \text{ m}$
44	<p>Solve</p> $11 - 2(1 + 3x) < 39$	$x > -5$
45	<p>Solve $2\tan x + 5 = -4$ for $0^\circ < x < 180^\circ$</p>	$x = 102.5^\circ, 282.5^\circ$

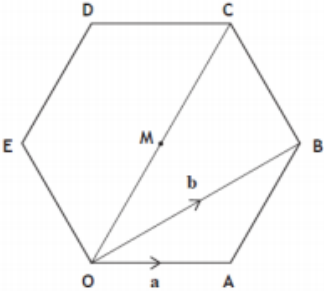
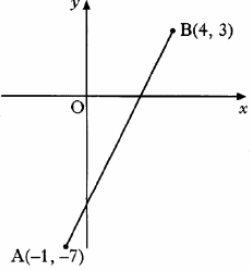
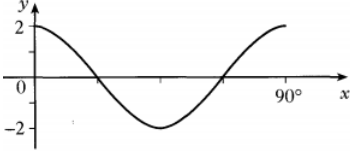
		Answers
46	The standard deviation of $1, 2, 2, 2, 8$ is \sqrt{a} Find a	$a = 8$
47	Multiply out the brackets and simplify $(3x + 2)(x^2 - 4x + 3)$	$3x^3 - 10x^2 + x + 6$
48	The population of the UK is 64.1 million. If it increased by 3% for the next 7 years, what would it be?	78.8 million (3 s.f.)
49	The square below has side length y . If the diagonal is 6m. Find the exact length y 	$y = 3\sqrt{2}m$
50	Show that $\frac{1 - \cos^2 a}{\cos^2 a} = \tan^2 a$	Use $\sin^2 a + \cos^2 a = 1$ and $\tan x = \frac{\sin x}{\cos x}$ to prove LHS = RHS

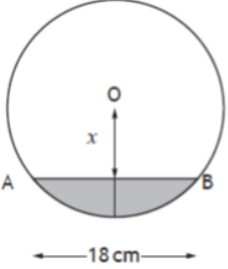
Answers

		Answers
51	Evaluate $\frac{5}{12} \times 2\frac{2}{9}$ Give the answer in its simplest form	$\frac{25}{27}$
52	A straight line has gradient 4 and it passes through the points (2,4) and (1, a) Find the value of a	$a = 0$
53	Evaluate $2^0 + 3^{-1}$	$1\frac{1}{3}$
54	Change the subject of the formula to u $v^2 = u^2 + 2as$	$u = \sqrt{v^2 - 2as}$
55	What is the equation of the graph below? 	$y = 5\sin 3x$

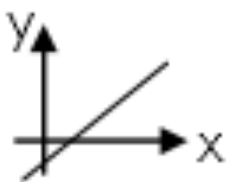
		Answers
56	Calculate the capacity of the cylindrical mug below 	$V = 1099\text{cm}^3$
57	Factorise $(100x^2 - 500x - 2400)$	$100(x - 8)(x + 3)$
58	The restaurant bill included 8% tax. If the bill was £324, what was the bill before tax?	£300
59	Calculate angle PQR 	Angle PQR = 78.6°
60	Write down the turning point and the equation of the axis of symmetry $y = (x - 3)^2 + 4$	$T.P. = (3, 4)$ $x = 3$

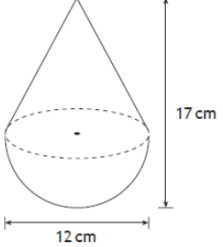
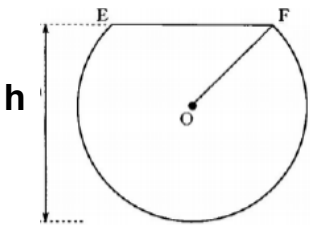
Answers

		Answers
61	<p>Express \overrightarrow{AB} in terms of a & b Express \overrightarrow{OC} in terms of a & b</p> 	$\overrightarrow{AB} = -a + b$ $\overrightarrow{OC} = 2(b - a)$
62	<p>Find the equation of this line</p> 	$y = 2x - 5$
63	<p>Find</p> $27^{\frac{2}{3}}$	$27^{\frac{2}{3}} = 9$
64	<p>Solve</p> $2x - 1 = \frac{x - 4}{3}$	$x = -\frac{1}{5}$
65	<p>What is the equation of the graph below</p> 	$y = 2\cos 4x$

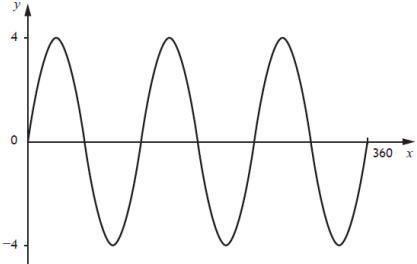
		Answers
66	<p>Show that the s.d. of 1,1,1,2,5 is $\sqrt{3}$ and write down the s.d. of 101,101,101,102,105</p>	<p>First part proof Second part <i>s.d. = same</i> = $\sqrt{3}$</p>
67	<p>Multiply out and simplify</p> $2(x^2 - 4x + 3) - x(x - 3)$	$x^2 - 5x + 6$
68	<p>Rob normally cycles a total distance of 56 miles per week. He increases his distance by 15% each week for the next three weeks. How many miles will he cycle in the third week?</p>	Miles in 3 rd week = 85.169
69	<p>Depth of water in the cylindrical tank is 5m Calculate the radius</p> 	$r = 10.6m$
70	<p>Show that</p> $\frac{\tan x}{\sin x} = \frac{1}{\cos x}$	<p style="text-align: center;">Use $\tan x = \frac{\sin x}{\cos x}$ to prove LHS = RHS</p>

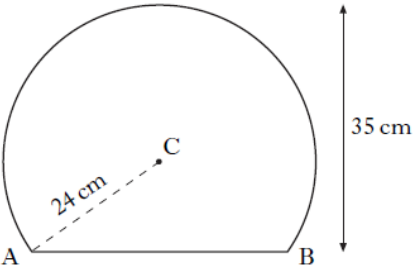
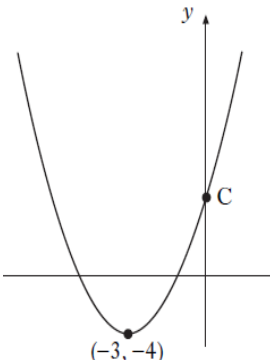
Answers

		Answers
71	Without using a calculator find 17.5% of £90	£15.75
72	For the straight-line equation $y = mx + c$ When $m > 0$ and $c < 0$ sketch a possible graph	
73	Simplify $\frac{6xy^3}{8x^4y^2}$	$\frac{3y}{4x^3}$
74	Write as a single fraction $\frac{2}{x} + \frac{4}{x-2}$	$\frac{6x-4}{x(x-2)}$
75	Solve the equation $11\cos x^\circ - 2 = 3$ for $(0 \leq x \leq 360^\circ)$	$x = 62.96^\circ, 297.04^\circ$

		Answers
76	<p>Find volume to 2 s.f.</p> 	$V = 870 \text{ cm}^3$
77	<p>Factorise</p> $16x^2 - 1$	$(4x + 1)(4x - 1)$
78	<p>A 900g box has 20% extra washing powder. How much washing powder was in a standard size box?</p>	<p>750g</p>
79	<p>EF = 18 m OF = radius = 15 m Find h</p> 	$h = 27\text{m}$
70	<p>Describe the nature of the roots</p> $y = x^2 - 3x + 3$	<p>There are no real roots</p>

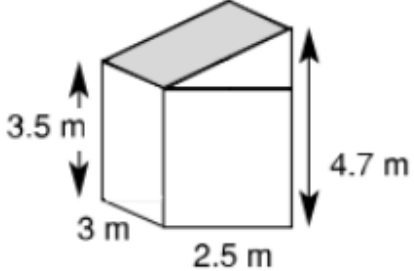
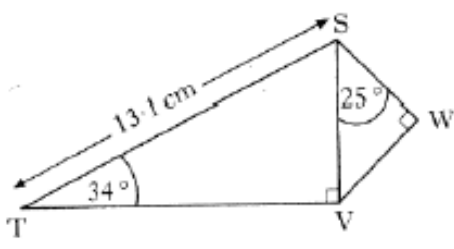
Answers

		Answers
81	Evaluate $3\frac{2}{5} - 2\frac{1}{3}$	$1\frac{1}{15}$
82	Find the gradient and y-intercept for the straight line: $3x - 17 = 15y$	$m = \frac{1}{5}, c = -\frac{17}{15}$
83	Express the below with a rational denominator in its simplest form $\frac{8}{\sqrt{8}}$	$2\sqrt{2}$
84	Change the subject of the formula to R $P = R^3b - 5$	$R = \sqrt[3]{\frac{P+5}{b}}$
85	State the equation of the graph below 	$y = 4\sin 3x$

		Answers
86	<p>Make two valid comparisons for the two maths scores:</p> <p>Class A: Mean = 65%, s.d. = 12% Class B: Mean = 59%, s.d. = 10%</p>	<ul style="list-style-type: none"> • On average Class A have higher maths scores • Class A have less consistent marks
87	<p>Factorise</p> $4a^2 - 60a - 136$	$4(a - 17)(a + 2)$
88	<p>A new car cost £25000. Its value was expected to decrease every year by 20%.</p> <p>Find its expected value after 7 years.</p>	<p>Value = £5248.88</p>
89	<p>Find the length AB</p> 	$AB = 42.66 \text{ cm}$
90	<p>Below is a graph of</p> $y = (x - a)^2 + b$ <p>Find coordinates of c</p> 	$C (0, 5)$

**N5 Self Check
Ten**

		Answers
91	Find $ u $, the magnitude of $u = \begin{bmatrix} 6 \\ -13 \\ 18 \end{bmatrix}$	$ u = 23$
92	Find the equation of a straight line between $(-7, 4)$ and $(-3, 5)$	$4y - x = 23$
93	Express in its simplest form $y^8 \times (y^3)^{-2}$	y^2
94	Solve for y $\frac{2(y - 3)}{4} = \frac{y + 5}{3}$	$y = 19$
95	Solve algebraically the equation $\sqrt{3} \sin x^\circ - 1 = 0$ for $0 \leq x \leq 360$	$x = 35.5^\circ, 144.7^\circ$

		Answers
96	<p>Find the total volume of the shape below.</p> 	$V = 30.75m^3$
97	<p>Multiply out and simplify</p> $(y - 2)^3$	$y^3 - 6y^2 + 12y - 8$
98	<p>I bought a new racing bike for £1500. This included VAT at 20%. What was the cost before VAT was added?</p>	<p>Cost = £1250</p>
99	<p>Find the length SW</p> 	$SW = 6.6cm$
100	<p>Express</p> $x^2 - 14x + 44$ <p>in the form</p> $(x - a)^2 + b$	$(x - 7)^2 - 5$