


MON	TUE	WED	THU	FRI	WEEKEND
17/4 Find the cube root of 92 to 3sf	18/4 What is the volume of a cuboid with side lengths 5.3cm, 9.7cm and 12.2cm?	19/4 What is the temperature difference between 34.8°C & -97.9°C?	20/4 Find $\frac{5}{7}$ of 40 (to 1 dp)	21/4 Calculate the circumference of a circle if $d = 4\text{cm}$	The mean no. of goals scored in 5 games is 2.4 Goals scored in first four games 4, 2, 3, 1 How many were scored in the last game?
24/4 The mean no. of goals scored in 5 games is 2.4 No. of goals scored in first four games were 4, 2, 3, 1. How many were scored in the last game?	25/4 Calculate to 2dp $\frac{19.59}{12.3 + 1.76}$	26/4 Solve $6x + 11 = 3$	27/4 $\text{£}1 = \$1.63$ How many dollars would you get for $\text{£}130$?	28/4 What is 14 miles in km?	The cost of hiring a car is given by the formula Cost (£) = No. of days \times 14.50 + 27.75 Work out the cost of hiring for 7 days.
01/5 Share $\text{£}64.44$ into the ratio 3:2:4	02/5 Calculate the perimeter of a semi-circle if $d = 7\text{cm}$	03/5 Convert $19\frac{7}{9}$ into an improper fraction.	04/5 Find the area of a trapezium with base 8cm, opposite parallel side 11cm, and height 7cm.	05/5 Increase $\text{£}23$ by 17%	Previous reading 1243 units Present reading 1319 units Cost of a unit is 51.3p What will this months Gas bill be?
08/5 A base angle in an isosceles triangle is 63° . What size are the other two angles?	09/5 Calculate the area of a circle with radius 5mm	10/5 Which is the best value, 4 tins at $\text{£}3.92$ or 6 tins at $\text{£}5.82$?	11/5 Solve $\frac{x}{8} + 15 = 2.5$	12/5 If $p = -3$ & $q = -7$ Work out the value of $p^2 + 7q$	What is the surface area of a cuboid with side lengths of 5.1cm, 4.3cm and 7.2cm?
15/5 Find the area of a triangle with base 7.5m & height 1.4m	16/5 $\text{£}1 = 1.28$ euros How many pounds would you get for 90 euros?	17/5 What is the side length of a cube with a volume of 118mm^3 ?	18/5 Calculate $\sqrt{(3.92 - 1.2^2)}$ to 1dp	19/5 Find the height of a parallelogram with base 8.5m, and area 55.25m^2	A pie chart on favourite fruits has values of 12 blackcurrant, 22 orange, 9 strawberry, and 17 lime. Calculate the angle sizes.
22/5 Calculate $1\frac{7}{9} + 3\frac{5}{7}$	23/5 What is the value of the 15 th term in the sequence given by $3n^2 - 2n + 5$?	24/5 Olivia has a wage rise of 2.5% Her salary was $\text{£}22,500$ per year, what is it now?	25/5 Numeracy Unit 1	26/5 Decrease $\text{£}89$ by 89%	A bag contains blue, red, and green marbles. $P(\text{red})=0.15$, and $P(\text{blue})=0.45$. A marble is picked and replaced twice, what is the probability they are the same colour?
29/5 Solve $7x - 12 = 2x + 10$	30/5 Calculate to 2dp $\sqrt{33} + \sqrt[4]{3}$	31/5 Alex and Beth share money in the ratio 3:5, Alex receives $\text{£}37$ less than Beth. How much was originally shared?	01/6 Calculate to 2dp $\frac{23.54 \times 2.3^4}{19.2 - 11.32}$	02/6 Calculate the area of a semi-circle if $d = 10\text{cm}$	Find the length (to 1 dp) of the hypotenuse of a right-angled triangle with side lengths 8.2cm and 5.6cm.
05/6 How many sides does a polygon have with exterior angles of 12° ?	06/6 A dress is reduced in a sale by 25%, then the price is increased by 10%. If the final price is $\text{£}64.35$, what was the original?	07/6 A triangle $\triangle ABC$ has sides $AB 1.3\text{m}$, $BC 1.6\text{m}$, and angle $\angle BAC 42^\circ$ Find the angle $\angle ACB$	08/6 Numeracy Unit 2	09/6 What is the volume of a cylinder with height 6m & diameter 3m?	David puts $\text{£}300$ into a savings account paying 3.2% compound interest per annum. How much is in his account after 4 years?
12/6 What is the diameter of a circle (to 1dp) with area of 12cm^2 ?	13/6 Maths Unit 1	14/6 Solve $3(x + 7) = 8x + 7$	15/6 A circular lawn with a border of 22m is to be re-turfed at a cost of $\text{£}2.35$ per m^2 . How much will it cost?	16/6 What is the mass of the cylinder in the question above, if its density is $1.8\text{kg}/\text{m}^3$?	Find the perimeter of a right-angled triangle $\triangle ABC$ with hypotenuse $AB 10.2\text{cm}$, and angle $\angle BAC 50^\circ$
19/6 Convert 25 m/s to km/h	20/6 Maths Unit 2	PREPARE FOR THE CALCULATOR PAPERS, ONE DAY AT A TIME...			 <p>Make sure you use your calculator for each question!</p>

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17/4 4.51	18/4 627.202cm ³	19/4 132.7°C	20/4 28.6	21/4 12.6 cm to 1 dp	2	
24/4 2	25/4 1.39	26/4 $\frac{4}{-3}$	27/4 \$211.90	28/4 22.4km	£129.25	
01/5 £21.48 : £14.32 : £28.64	02/5 18.0cm to 1 dp	03/5 $\frac{178}{9}$	04/5 66.5cm ²	05/5 £26.91	£38.99	
08/5 63° and 54°	09/5 78.5 mm ² to 1 dp	10/5 4 tins -> 98p each 6 tins -> 97p each so 6 tins is best value	11/5 -100	12/5 -40	179.22cm ²	
15/5 5.25 m ²	16/5 £70.31	17/5 4.9 mm to 1 dp	18/5 1.6	19/5 6.5m	72° blackcurrant, 132° orange, 54° strawberry, and 102° lime.	
22/5 5 $\frac{31}{63}$	23/5 650	24/5 £23,062.50	25/5 Numeracy Unit 1	26/5 £9.79	0.385	
29/5 x = 4.4	30/5 7.06	31/5 £148	01/6 83.60	02/6 39.3 cm ² to 1 dp	9.9cm	
05/6 30 sides	06/6 £78	07/6 32.9° to 1dp	08/6 Numeracy Unit 2	09/6 42.4 m ³ to 1 dp	£340.28	
12/6 3.9cm	13/6 Maths Unit 1	14/6 x = 2.8	15/6 £90.51	16/6 76.3kg to 1dp	24.6cm to 1dp	
19/6 90km/h	20/6 Maths Unit 2	ANSWERS....				