

# Christmas Revision Calendar

December

1 Write these numbers in size order:

5, -5, 1, 0, -3  
-5, -3, 0, 1, 5

2 Write the largest 4 digit number using:

7, 9, 3, 5  
9753

3 Write in its simplest form:

28:84  
1:3

4 Write this fraction as a percentage:

30%  $\frac{6}{20}$

5 Work out:

30% of £54  
£16.20

6 Write as a fraction:

0.045  
 $\frac{45}{1000} = \frac{9}{200}$

7 Write these numbers in size order:

0.61, 0.6, 0.601, 0.16  
0.16, 0.6, 0.601, 0.61

8 Write down all the factors of:

36  
 $2^2 \times 3^2$

9 Estimate:

£19.65 x 395  
£8000

10 Work out:

$\frac{2}{5}$  of 400  
160

11 Work out:

$\frac{2}{7} + \frac{1}{5}$   
 $\frac{17}{35}$

12 Solve:

$4x + 7 = 19$   
 $x = 3$

13 Work out:

247 x 63  
15,561

14 Expand:

$d(d - 4)$   
 $d^2 - 4d$

15 Expand and simplify:

$(m + 3)(m + 7)$   
 $m^2 + 10m + 21$

16 Change:

4500mm<sup>3</sup> into cm<sup>3</sup>  
4.5cm<sup>3</sup>

17 Simplify:

$3p + 7q - p - 4q$   
 $2p + 3q$

18 Write as a product of prime factors:

120  
 $2^3 \times 3 \times 5$

19 Solve:

$3x + 4 = 5x - 6$   
 $x = 5$

20 Work out:

$1\frac{2}{5} \div \frac{3}{4}$   
 $\frac{28}{15} = 1\frac{13}{15}$

21 Write in metres:

530cm  
5.3

22 Write correct to 2 decimal places:

5.4354  
5.44

23 Work out:

$(-3)^3$   
-27

24 Work out:

6.34 x 5.2  
32.968

And Relax for Christmas Day!!

Find somewhere quiet to work!

Identify the topics you need to work on!

Practice in small chunks every day!

Ask for help if you are still unsure!