



What is $\sqrt{400}$?

2 Simplify the following expression...

$$4x^2 + 6x + x^2 - 5x$$

3 Calculate

$$21 \div 0.007$$

4 Calculate

$$-5 + (-7)$$

5 8 cans of cola cost £4.80. How much for 3 cans of cola?

6 Calculate

$$66\frac{2}{3} \% \text{ of } 24$$

7 The ratio of boys to girls is 6 : 7. If there are 192 boys, how many girls are there?

8 Calculate the area of this triangle...

9 Calculate

$$\frac{3}{4} - \frac{2}{7}$$

10 Calculate

$$\frac{3}{8} \text{ of } 536$$

11 A rocket flies 1425 kilometres in 4 hrs 45 mins. What is its average speed?

12 If $p = 2$ and $q = -3$ calculate :-

$$5p - 4q$$

13 Select the prime number(s) from the following list... 26, 37, 51, 62, 81, 111

14 Solve the equation...

$$7x - 5 = 37$$

15 Calculate

$$0.9 \times 0.005$$

16 Calculate

$$2^3$$

17 Calculate the perimeter of this shape...

18 Change $4\frac{3}{5}$ into a "top-heavy" fraction

19 Calculate the volume of this cuboid...

20 Express 42 as a product of prime factors

21 What is the Highest Common Factor of 24 and 36?

22 Write down the 3 figure bearing FROM Glasgow TO Dubai...

23 Which shop is offering the best deal?

Easy Electrics!
Everything Must Go!
25% Off All Marked Prices

£660

PC PLANET!
Closing Down Sale!
50% Off All Marked Prices

£960

24 Calculate

$$6.4 - 8.75 + 4.267$$

25 Exchange Rate:-
£1 = €1.15

Change €805 into pounds and pence.

26 Calculate the missing angle...

27 Calculate the area of this composite shape...

28 Write a rule and complete the table...

desks (D)	1	2	3	16	?
people (P)	3	5	7	?	43

29 What is the Lowest Common Multiple of 12 and 10?

30 Calculate the missing values in this electricity bill...

Scottish Energy

Previous Reading = 08467
Current Reading = 08798

Units used =

Cost per unit = 17.3p

Sub Total =

VAT (6%) =

Total =

31 Calculate the missing angle...

RIGOUR

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Numeracy for Learning, Life and Work



August CfE 3rd Level Calendar

1

#abitofmathseveryday

2	3	4	5	6	7
8	9	10	11	12	13
14	15	16	17	18	19
20	21	22	23	24	25
26	27	28	29	30	31