



1 In a tube of mini eggs there are 3 pink ones, 4 blue ones and 5 brown ones. I choose a mini egg at random. What is the probability that I will choose a pink one?



2 Change $\frac{29}{6}$ into a mixed number

3 Calculate $\frac{3}{4}$ of 1872


4 Simplify the following expression...
 $9x^2 + 4x + x^2 - 7x$

5 Calculate $630\,000 \div 900$


6 Calculate $5 - (-1) \times (-2)$


7 Calculate $8.7 - 10.94 + 3.841$

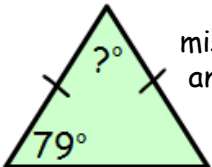
8 Write 0.3 as a fraction and a decimal.

9 Calculate the area of this triangle...


10 What is $\sqrt{1\,000\,000}$?


11  5 chocolate eggs cost £3.95. How much for 9 chocolate eggs?

12 Two sets of traffic lights turn green at the same time. The first traffic light then turns green every 60 seconds and the second traffic light turns green every 80 seconds. After how long will they turn green at the same time again?


13 Calculate the missing angle...


14 What is the Highest Common Factor of 40 and 100?

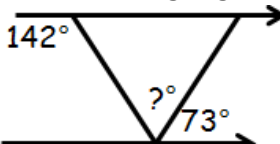
15 If $x = 5$ and $y = -4$ calculate :-
 $2x^2 - 5y$

16 The ratio of chefs to waiters is 2 : 7. If there are 42 waiters, how many chefs are there?


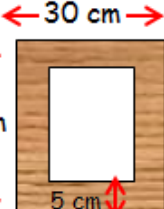
17 Calculate $\frac{2}{3} + \frac{5}{8}$

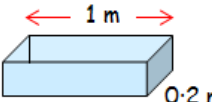
18 Solve the equation...
 $7x + 3 = -18$

19 Calculate 85% of £420

20 Calculate the missing angle...


21 Select the prime number(s) from the following list...
125, 126, 127, 128, 129.

22  Calculate the area of this wooden frame.

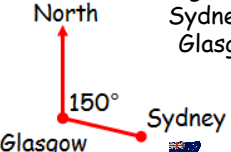
23 Calculate the capacity of this water container in millilitres and litres...



24 Express 84 as a product of prime factors


25 Calculate 0.08×0.5



26 Write a rule and complete the table...



A	1	2	3	11	?
B	1	5	9	?	85

27 What is the bearing FROM Sydney to Glasgow?


28 How far did a  drive in 1 hour 15 mins at an average speed of 80 m.p.h.?

29 The perimeter of this rectangle is 58 mm. What is the length of the missing side?


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April CfE 3rd Level Calendar

#abitofmathseveryday

1

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