RIGOUR
by cdmasterworks Ltd

Numeracy for Learning, Life and Work

3rd Level
Number and Number Process
MNU 3-03b

Certificate
Bronze
Exercises | Homework | Homework Answers
Lifeskills | Assessments | Assessment Answers

September CfE 4th Level Calendar

#abitofmathseveryday

1 Calculate 234×17

2 Evaluate $6^2 \div \sqrt{(9-5)}$

3 Write 4 302 000 in scientific notation.

4 Increase 180 grams by 25%

5 Express $\frac{4}{9}$ as a decimal

6 Calculate the median of the following data set... 9, 4, 8, 1, 3, 9

7 Factorise the following expression... $9x - 12$

8 The mean cost of two computers is £459. One computer costs £295. What is the cost of the other computer?

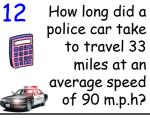**9** John is running a half marathon for charity, a distance of 13 miles. He managed to run 3·25 miles before he walked a further 7·235 miles. How much further does he still have to run?

10 Share 480 in the ratio $1 : 2 : 3$.

11 Multiply out the following bracket and simplify... $6 - 2(x - 4)$

12 How long did a police car take to travel 33 miles at an average speed of 90 m.p.h?

13 Calculate the area of this parallelogram... 6 cm, 8 cm

14 Solve the following equation... $x + 2 = 9 - x$

15 Which is more likely?
- Picking a heart from a pack of playing cards
- Getting a score of less than 3 from rolling a dice.

16 Calculate $8096 \div 368$

17 The legal temperature for working in an office must lie between $17°C$ and $23°C$. Write this in tolerance form.

18 Find the 'nth' term for the following sequence and hence find the 10th term; -3, 2, 7, ...

19 Organic bananas are sold in bags of 7. How many bags can be made from 304 bananas?

20 Calculate the gradient of the following ramp... 2 m, 7 m

21 Julie scored 12 out of 35 in her chemistry test. Calculate her percentage.

22 840 people asked. How many preferred Italy? Italy, France, UK 33°, 90°, 180°, Spain

23 Calculate the length of the missing side... 165 mm, 183 mm, x mm

24 Solve the following inequality... $7x - 5 > 9$

25 Calculate $2\frac{2}{5} + 3\frac{1}{2}$

26 Write the equation of the straight line

27 Calculate the size of the missing angle... 74 cm, $x°$, 56 cm

28 Evaluate $8^2 \div \sqrt[8]{256}$

29 Calculate the area of this shape... 7 m, 12 m

30 What are the sizes of the missing angles? $q°$, 54°, $n°$, $p°$

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Calendar

1	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