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

October CfE 3rd Level Calendar

#abitofmathseveryday

1 Calculate 0.7×0.9

2 Calculate 10^4

3 Calculate the missing angle…
24°
?°
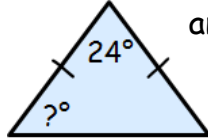
4 Calculate $32 \div (-4)$

5 Calculate $5.2 - 7.84 + 6.379$

6 Write $\frac{3}{4}$ as a decimal and a percentage.

7 Simplify the following expression…
$7y^2 + 4y + y^2 - 5y$

8 Change $3\frac{2}{7}$ into a "top-heavy" fraction
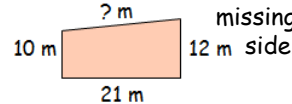
9 3 scones cost £2.16. How much for 8 scones?

10 Calculate 80% of 35

11 The perimeter of this shape is 66 m. Calculate the length of the missing side.
? m
10 m   12 m side.
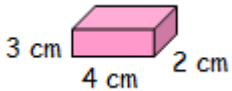21 m

12 Exchange Rate:- £1 = $1.29
Change $451.50 into pounds

13 Calculate $\frac{2}{3}$ of 111
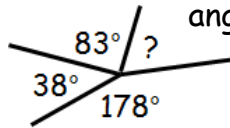
14 Calculate the volume of this cuboid…
3 cm   2 cm
4 cm

15 What is $\sqrt{169}$?

16 Calculate the missing angle…
83° ?
38°   178°

17 Select the prime number(s) from the following list…
21, 37, 45, 51, 67, 77

18 How far did a plane fly in 3 hours 45 mins at an average speed of 400 m.p.h.?

19 Solve the equation…
$6x - 5 = -29$

20 Calculate $\frac{5}{6} - \frac{2}{5}$

21 What is the Highest Common Factor of 18 and 36?

22 Agnes works as a dinner lady and earns £7.90 per hour. She works 8 hours per week. Calculate her weekly wage.
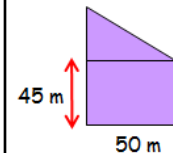
23 Express 210 as a product of prime factors

24 What is the Lowest Common Multiple of 2, 4 and 10?

25 Calculate the area of this shape…
30 m
45 m
50 m

26 Write a rule and complete the table…

tables (T)	1	2	3	15	?
chairs (C)	3	5	7	?	79

27 Change 3 grams into kilograms

28 If $a = -1$ and $b = -2$ calculate :-
$2a^2 + 7b$

29 Calculate $240 \div 0.08$

30 What is the bearing FROM Buenos Aires to Glasgow?
North
137°
Buenos Aires   Glasgow
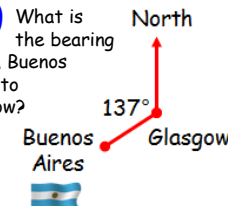
31 At a giant Halloween party, there were 84 witches and 32 mummies. Write down the ratio of witches: mummies in it's simplest form.

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						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	31	