



**1** Calculate the volume of this shape. Each cube measures 1 cm by 1 cm by 1 cm.

**2** Using the vocabulary of probability describe the outcome of the following event...  
It will rain every day in June.

**3** Which of these are multiples of 80?  
240, 360, 400, 540

**4** Round 854 to the nearest 10...

**5** 
$$\begin{array}{r} 1234 \\ + 567 \\ \hline \end{array}$$

**6** What are the coordinates of point A?

**7** 
$$\begin{array}{r} 5625 \\ - 2039 \\ \hline \end{array}$$

**8** Calculate  $6 + 2 \times 3$

**9** Calculate 10% of £9

**10** What is the area of this rectangle...

**11** School sports day started at 1:45 pm and finished at 3:25 pm. How long did the event last?

**12** How many lines of symmetry does this sign have?

**13** Which of these are equivalent fractions to  $\frac{3}{4}$ ?

$\frac{6}{15}$   $\frac{12}{16}$   $\frac{18}{36}$   $\frac{21}{28}$   $\frac{24}{40}$

**14** Write 3 kilograms and 5 grams as kilograms.

**15** Change 456 seconds into minutes and seconds...

**16** What fraction of the shape is shaded?

**17** Dominic got his mum to buy his dad a £1.85 card and a £1.39 bottle of his favourite drink for Father's Day. How much change did Dominic's mum receive from £5?

**18** Which of these are factors of 38?  
1, 3, 4, 11, 14, 19.

**19** Solve the equation below...  
 $x + 23 = 40$

**20** 
$$\begin{array}{r} 7049 \\ \times 8 \\ \hline \end{array}$$

**21** Today the sun will rise at 0443 and will set 16 hrs and 38 mins later. At what time will the sun set? Give your answer in 24 hour time.

**22** Calculate the perimeter of this shape.

**23** Calculate the size of the missing angle...

**24** 
$$\sqrt[3]{6828}$$

**25** From the following angles, which one would go into the obtuse column in the table below?  
15°, 167°, 90°, 283°, 180°

acute	right	obtuse	straight	reflex

**26** Calculate  $\frac{7}{9}$  of £54

**27** Simplify the fraction below...  
 $\frac{51}{78}$

**28** A school breaks up for their summer holidays today. They are off school for 46 days. On what date will they start back?

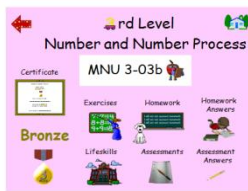
**29** What shape is this beach ball?

**30** Altogether, 4 suitcases weigh 46.9 kilograms. One suitcase weighs 8.8 kilograms and the other three weigh the same. What are the weights of the four suitcases?

# RIGOUR

by cdmasterworks Ltd

Numeracy for Learning, Life and Work



## June CfE <sup>nd</sup> Level Calendar

#abitofmathseveryday



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