

## Minute Maths Challenge

### Year 5 Challenge 1

My challenge is to read numbers up to 1 million

Show the black numbers, your child needs to tell you what this number is

- 1) 45822
- 2) 812773
- 3) 7383
- 4) 90182
- 5) 7375538
- 6) 820708
- 7) 52638
- 8) 2836029
- 9) 7273663
- 10) 41087

## Minute Maths Challenge

### Year 5 Challenge 2

My challenge is to add and subtract 100, 1000, 10,000 etc

Read the black question, your child replies with the red answer

- 1)  $71,626 + 1000 = 72,626$
- 2)  $27,364 + 100 = 27,464$
- 3)  $312,662 + 10 = 312,672$
- 4)  $709 + 1000 = 1709$
- 5)  $182,736 + 100,000 = 282736$
- 6)  $91,873 + 100 = 91,973$
- 7)  $127,371 + 10000 = 137,371$
- 8)  $19,272 + 1000 = 20,272$
- 9)  $283,746 + 10 = 283,756$
- 10)  $99,127 + 1000 = 100,127$

## Minute Maths Challenge

### Year 5 Challenge 3

My challenge is to count forwards and backwards, including using negative numbers

Ask your child the question written in black. They say the next three numbers in the sequence

- 1) Count back in ones from 2002 **2001, 2000, 1999**
- 2) Count on in ones from -14 **-13, -12, -11**
- 3) Count on in tens from -42 **-32, -22, -12**
- 4) Count back in tens from 9 **-1, -11, -21**
- 5) Count back in ones from 1 **0, -1, -2**
- 6) Count on in fives from -1 **4, 9, 14**
- 7) Count on in tens from -8 **2, 12, 22**
- 8) Count back in tens from 1012 **1002, 992, 982**
- 9) Count back in twos from -1 **-3, -5, -7**
- 10) Count on in twos from -13 **-11, -9, -7**

## Minute Maths Challenge

### Year 5 Challenge 4

My challenge is to round numbers to the nearest ten thousand

Ask your child to round the number in black to the nearest ten thousand. Your child replies with the answer (number in red)

- 1) 63,463                60,000
- 2) 158,232             160,000
- 3) 32,379                30,000
- 4) 532,534             530,000
- 5) 4,556,237          4,560,000
- 6) 732,432             730,000
- 7) 21,415                20,000
- 8) 768,634             770,000
- 9) 485,392             490,000
- 10) 5,126,937         5,130,000

## Minute Maths Challenge

### Year 5 Challenge 5

My challenge is to round numbers to the nearest hundred thousand

Ask your child to round the number in black to the nearest hundred thousand. Your child replies with the answer (number in red)

- 1) 713,938             700,000
- 2) 686,288             700,000
- 3) 3,928,037          3,900,000
- 4) 8,273,927          8,300,000
- 5) 9,224,743          9,200,000
- 6) 1,928,337          1,900,000
- 7) 823,224             800,000
- 8) 987,388             1,000,000
- 9) 6,294,299          6,300,000
- 10) 4,498,499         4,500,000

## Minute Maths Challenge

### Year 5 Challenge 6

My challenge is to read Roman Numerals up to 1000

Show your child the Roman Numeral written in black. They answer with the number in red

- 1) XCIV                                94
- 2) CCCXXIV                            324
- 3) LXXXI                                81
- 4) DCCCXXIII                         823
- 5) CLVI                                 156
- 6) CMIX                                 909
- 7) DCCXIV                             714
- 8) LII                                     52
- 9) CDXL                                 440
- 10) XXXIII                              33

## Minute Maths Challenge

### Year 5 Challenge 7

My challenge is to say the next prime number after a given number

Tell your child the number in black. They must respond with the prime number that would follow. (written in red)

- 1) 72                      73
- 2) 26                     29
- 3) 37                     41
- 4) 45                     47
- 5) 63                     67
- 6) 29                     31
- 7) 55                     59
- 8) 38                     41
- 9) 83                     89
- 10) 88                    89

## Minute Maths Challenge

### Year 5 Challenge 8

My challenge is to say a factors and common factors of numbers

Ask your child the question written in black. They answer with the number in red (Not allowed 1 or itself)

- 1) Name 2 factors of 22            2, 11
- 2) Name 4 factors of 40           2, 20, 4, 10, 5, 8
- 3) Name 2 common factors of 8 and 28 2, 4
- 4) Name 3 common factors of 18 and 54 2, 3, 6, 9
- 5) Name 4 common factors of 12 and 36 2, 3, 4, 6
- 6) Name 4 factors of 30           2, 15, 3, 10, 6, 5
- 7) Name 2 factors of 14           2, 7
- 8) Name 3 factors of 48           2, 24, 4, 12, 3, 16, 6, 8
- 9) Name 2 common factors of 6 and 30 2, 3
- 10) Name 2 common factors of 22 and 66 2, 11

## Minute Maths Challenge

### Year 5 Challenge 9

My challenge is to multiply numbers by 10, 100, 1000

Ask your child the question in black. They answer with the number in red.

- 1)  $76.29 \times 10$                       762.9
- 2)  $8.91 \times 100$                         891
- 3)  $4.8 \times 1000$                         4800
- 4)  $993.2 \times 100$                       99320
- 5)  $8.927 \times 10$                         89.27
- 6)  $88.03 \times 100$                        8803
- 7)  $82.8 \times 1000$                       82800
- 8)  $5.93 \times 100$                         593
- 9)  $0.069 \times 10$                         0.69
- 10)  $0.932 \times 100$                      93.2

# Minute Maths Challenge

## Year 5 Challenge 10

My challenge is to divide  
numbers by 10, 100 and 1000

Ask your child the question written  
in black. They answer with the  
number in red

- 1)  $76 \div 10$                       **7.6**
- 2)  $6792 \div 100$                       **67.92**
- 3)  $69 \div 1000$                       **0.069**
- 4)  $726 \div 100$                       **0.726**
- 5)  $8826 \div 10$                       **882.6**
- 6)  $26.9 \div 100$                       **0.269**
- 7)  $145 \div 10$                       **14.5**
- 8)  $209 \div 100$                       **2.09**
- 9)  $8097 \div 1000$                       **8.097**
- 10)  $787.9 \div 100$                       **7.879**