

Minute Maths Challenge

Year 4 Challenge 1

My challenge is to count in multiples of 25

Say the black numbers, your child replies with the red numbers

- 1) 75, 100, 125, 150, 175, 200
- 2) 225, 250, 375, 300, 325, 350
- 3) 200, 175, 150, 125, 100, 75
- 4) 400, 425, 450, 475, 500, 525
- 5) 550, 525, 500, 475, 450, 425
- 6) 975, 950, 925, 900, 875, 850
- 7) 300, 325, 350, 375, 400, 425
- 8) 475, 450, 425, 400, 375, 350
- 9) 625, 600, 575, 550, 525, 500
- 10) 700, 725, 750, 775, 800, 825

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Year 4 Challenge 2

My challenge is to say a number that is 1000 more or less than any number

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

- 1) 1000 less than 7836 **6836**
- 2) 1000 less than 8746 **7746**
- 3) 1000 more than 2153 **3153**
- 4) 1000 more than 8573 **9573**
- 5) 1000 less than 1758 **272**
- 6) 1000 more than 8395 **9395**
- 7) 1000 more than 7593 **8593**
- 8) 1000 less than 4638 **3638**
- 9) 1000 more than 1957 **2957**
- 10) 1000 less than 4756 **3756**

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Year 4 Challenge 3

My challenge is to know the value of each digit in a 4-digit number

Ask your child the question written in black. The answer they give is written in red

- 1) What is the value of the tens in 5798? **9 tens or 90**
- 2) What is the value of the 3 in 6563? **3 units**
- 3) How many thousands are there in 3654? **3**
- 4) What is the value of the 5 in 6567? **5 hundreds**
- 5) What is the value of the 6 in 7864? **6 tens or 60**
- 6) What is the value of the 7 in 7824? **7 thousands**
- 7) How many hundreds are there in 6073? **0**
- 8) How many hundreds in 7957? **9**
- 9) How many units in 8516? **6**
- 10) What is the value of the 3 in 3684? **3 thousands**

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Year 4 Challenge 4

My challenge is to compare numbers beyond 1000.

Ask your child which number in each pair is the biggest. Your child replies with the answer (number in red)

Which is bigger

- 1) **7354** or 6346?
- 2) **5926** or 1582?
- 3) **3245** or 3237?
- 4) **5325** or 3547?
- 5) 4556 or **4572**?
- 6) 7324 or **8251**?
- 7) **2468** or 2141?
- 8) 7286 or **7956**?
- 9) 4253 or **6442**?
- 10) **6172** or 5126?

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Year 4 Challenge 5

My challenge is to count backwards through 0 in 1's, 2's, 5's and 10's

Read your child the numbers in black. They answer with the next 6 numbers (in red)

- 1) 6, 5, 4, **3, 2, 1, 0, -1, -2**
- 2) 25, 20, 15, **10, 5, 0, -5, -10, -15**
- 3) 10, 8, 6, **4, 2, 0, -2, -4, -6**
- 4) 2, 1, 0, **-1, -2, -3, -4, -5, -6**
- 5) 10, 5, 0, **-5, -10, -15, -20, -25, -30**
- 6) 50, 40, 30, **20, 10, 0, -10, -20, -30**
- 7) 8, 6, 4, **2, 0, -2, -4, -6, -8**
- 8) 5, 4, 3, **2, 1, 0, -1, -2, -3**
- 9) 70, 60, 50, **40, 30, 20, 10, 0, -10**
- 10) 12, 10, 8, **6, 4, 2, 0, -2, -4**

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Year 4 Challenge 6

My challenge is to round numbers to the nearest 10 and 100

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

- 1) Round 83 to the nearest 10 **80**
- 2) Round 756 to the nearest 100 **800**
- 3) Round 827 to the nearest 10 **830**
- 4) Round 326 to the nearest 100 **300**
- 5) Round 7615 to the nearest 100 **7600**
- 6) Round 8563 to the nearest 10 **8560**
- 7) Round 752 to the nearest 10 **750**
- 8) Round 481 to the nearest 100 **500**
- 9) Round 4782 to the nearest 100 **4800**
- 10) Round 9472 to the nearest 10 **9470**

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Year 4 Challenge 7

My challenge is to say a digital time as it would be read on an analogue clock

Show your child each of the digital times below. They need to say how it would be read from an analogue clock (*written in red*)

- 1) **10:15** *quarter past 10*
- 2) **11:25** *25 mins past 11*
- 3) **09:45** *quarter to 10*
- 4) **04:50** *ten mins to 5*
- 5) **07:35** *25 mins to 8*
- 6) **11:40** *20 mins to 12*
- 7) **10:10** *10 mins past 10*
- 8) **01:23** *23 mins past 1*
- 9) **06:37** *23 mins to 7*
- 10) **05:51** *9 mins to 6*

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Year 4 Challenge 8

My challenge is to round numbers to the nearest 1000

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

Round each of these numbers to the nearest thousand

- 1) 7493 **7000**
- 2) 1086 **1000**
- 3) 9285 **9000**
- 4) 4856 **5000**
- 5) 6825 **7000**
- 6) 2857 **3000**
- 7) 4265 **4000**
- 8) 8592 **9000**
- 9) 7385 **7000**
- 10) 12,476 **12,000**

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Year 4 Challenge 9

My challenge is to read numbers to 100 in Roman Numerals

Ask your child to read the Roman numeral written in black. They answer with the number in red.

- 1) IX **9**
- 2) XVIII **18**
- 3) XLII **42**
- 4) LXXV **75**
- 5) XCVI **96**
- 6) XLI **41**
- 7) XXXIII **33**
- 8) LXXXVII **87**
- 9) XXVIII **28**
- 10) XXXIX **39**

Minute Maths Challenge

Year 4 Challenge 10

My challenge is to use
multiplication to convert units
of measure

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

- 1) What is 3m in cm? 300cm
- 2) How many g in 7kg? 7000g
- 3) What is 3 litres in ml? 3000ml
- 4) How many minutes in 2hrs?
120mins
- 5) What is 6m in cm? 600cm
- 6) What is 4.5m in cm? 450cm
- 7) How many g in 2.5kg? 2500g
- 8) How many seconds in 4 mins?
240 seconds
- 9) What is 5.3 litres in ml?
5300ml
- 10) What is 6.7m in cm? 670cm