

Number and Place Value Maths Mastery

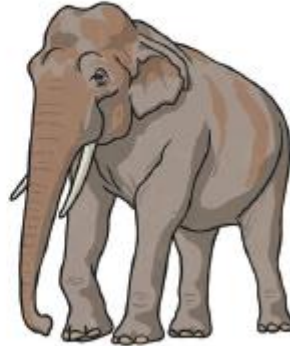
1. Which number is the odd one out?  
Explain your reasons.

1330

1015

2941

3645



Read each question carefully and explain your answers below.

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2. I'm thinking of a number.  
I halve it.  
I divide it by 7.  
I subtract 4.  
My answer is  $16 \div 4$   
What number was I thinking of?  
Explain your answer.



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3. If I start counting in tens from 20, the nineteenth number will be 200.

Is this correct?  
Explain how you know.  
What will the 100th number be?



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4. 5510 is 5 thousands 5 hundreds and 1 ten. It is also:  
 551 tens  
 55 hundreds and 1 ten  
 5 thousands and 510 ones

How many different ways can you show the numbers on the rocks?



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5. What numbers should be in the gaps?

$$\begin{array}{r} \square 2 \square \\ \times \quad 4 \\ \hline 1716 \end{array}$$

$$\begin{array}{r} 520 \\ \times \quad \square \\ \hline 4160 \end{array}$$

$$\begin{array}{r} \square 8 \square \\ \times \quad 6 \\ \hline 1122 \end{array}$$

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6. The meerkat says that the multiplication calculations all have the same answer as

$$3 \times 2 \times 9$$

Is he correct? Tell him how you know.



$$2 \times 27$$

$$6 \times 3 \times 3$$

$$9 \times 3 \times 2$$

$$6 \times 2 \times 4$$

$$6 \times 9$$

7. Sid the Snake has these numbers.

9 0 4 2 1

He says the smallest number he can make with them using each number once is

29 140



Is he correct?

Explain your reasons.

Tell him what the largest number he could make would be.