

YEAR FIVE Mathex 2014

Team

Question 1

What are the next two numbers in the sequence?

1, 5, 9, __, __

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Question 2

What is the difference between 78 and 420?

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Question 3

Round 25.53 to the nearest whole number.

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Question 4

When the Northern Mystics played the Central Pulse in this year's netball final they played 15 minute quarters with a 5 minute break between each quarter. If the match began at 7:35pm and had 3 minutes of injury time added at what time would the final have been completed?

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Question 5

A jug holds 1.5L of water. If the 1.5L of water was shared equally between three glasses, how many mls would be in each glass?

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Question 6

Sam was training for the school cross-country by running around the school rugby field. The field measures 80 metres long by 40 metres wide. After he had run four laps, how many more did he need to run to complete 1 kilometre?

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Question 7

Convert 0.55 kilograms into grams.

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Question 8

How many times does the digit 8 appear in the first 100 counting numbers?

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Question 9

How much change from \$20 would I receive if I brought 3 DVDs at \$3.95 each?

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Question 10

There are 144 children in a country school. One third are girls. How many boys are in the school?

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Question 11

Which three of these numbers add up to 196?

31	82	74	63	91	61
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Question 12

What is the difference between the smallest and largest numbers you can make using the digits 5, 2, 3 and 8?

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Question 13

Two sisters have part-time jobs.

Between them they have earned \$138. If the older sister earned \$30 more than the younger one, how much did they each earn?

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Question 14

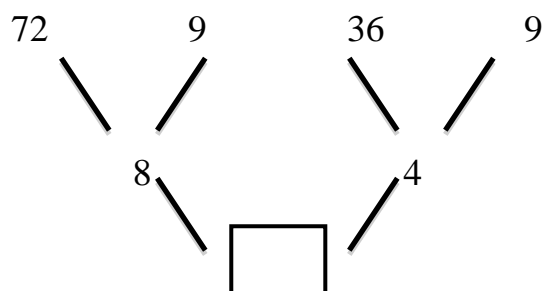
What two single digit numbers am I thinking of if the difference between their product and sum is 19?

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Question 15

What is the number at the bottom of the chain?



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Question 16

How many diagonals are there in a hexagon?

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Question 17

If the time will be 1:55pm in 226 minutes. What is the time now?

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Question 18

What is the total combined value of:

10 ten cent coins

20 twenty cent coins

50 fifty cent coins

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Question 19

In cricket matches in the West Indies, Brendan McCullum made scores of 38, 2, 5, 17, 46, 128, 74 and 16.

What was his average score per innings?

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Question 20

A tank contains some petrol. When 24 litres are added the total quantity of petrol in the tank is four times as much as before. How many litres were there originally in the tank?

YEAR FIVE ANSWERS 2014

20. 8 (litres)
19. 40.75 (runs)
18. 30
17. 10:09 am / 1009
16. 6
15. 2
14. 5,6 / 6,5
13. \$54, \$84 / \$84, \$54
12. 6174
11. 31, 74, 91 (any order)
10. 96 (boys)
9. \$8.15
8. 20
7. 550 grams / 550g
6. 40 metres / 40m
5. 500mls
4. 8:53pm / 2053
3. 26
2. 342
1. 13, 17

