

Maths Quiz – Week 6

1. What must be added to 129 to make 206?

2. How many faces does a square-based pyramid have? EXT - List the 2D shapes that make up its net. How many vertices does this 3D shape have? How many edges?

3. How many vertical lines can you count in the picture below? EXT - How many horizontal? How many diagonal? TIP - Cross off as you count!



4. The train should have arrived into Paddington Station at 3:45. It was three quarters of an hour late. At what time did it arrive at the station? EXT - The journey from Reading to Paddington takes 35 minutes. At what time did the train leave Reading?

5. Maxim, Sophia and Sally are going to play tiddlywinks. Share the 120 counters they have equally between them. How many marbles do they each get? EXT - Maxim pinged 12 of his counters into the container. How many did he miss? Sally and Sophia both missed 8 of their aims.

6. $8 \times 4 \times 3 = \underline{\quad}$? EXT - Halve your answer. Now subtract 50.

7. What is one quarter of 88? EXT - What is three quarters? Multiply three quarters of 88 by 3.

8. What are the next ten numbers following this pattern? 9, 18, 27, 36 ...

9. $9 \times 5 = 6 \times \underline{\quad}$?

10. What 3D shape has four triangular faces?

11. What is quarter to eight on a digital clock? EXT - write this time using the 24hr clock. What will the time be in an hour and twenty minutes time?

12. $7 \times \underline{\quad} = 50 - 1$

13. What are the missing numbers? 24, 30, 38, $\underline{\quad}$, 60, 74, $\underline{\quad}$, $\underline{\quad}$, $\underline{\quad}$ EXT - What is the rule for the pattern?

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14. A classroom has 6 large tables. 6 children sit at each of the six tables. How many children are there in the class? EXT - Two tables are borrowed for an event in the school hall. The teacher redistributes the children evenly among the remaining tables. How many children are sat at each table now?

15. $7 \times 5 \times 2 = \underline{\quad}$? EXT - double your answer. Double it again. And again.

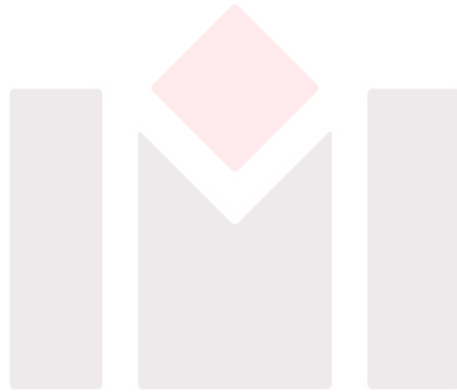
16. $(25 \times 4) = 100 - \underline{\quad}$? EXT - What is three fifths of 100?

17. Eggs are packed in boxes of 12 (a dozen). How many eggs are there in 11 dozen? EXT - How many boxes will be required for 60 eggs?

18. Add 27, 13, 15 and 59 together. EXT - multiply your answer by three.

19. Which is the odd one out - 50, 45, 40, 36 or 30? EXT - Explain why.

20. If I read 8 pages of a book in one hour, how long will it take me to read a book that has 72 pages?



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