BRAIN TEASERS

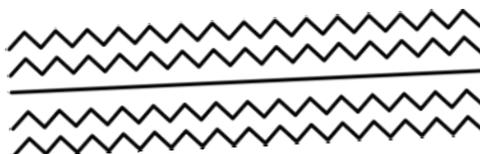**1.** Emily loves cats and she keeps some as pets. All but two of them are completely black. All but two of them are completely white. All but two of them are completely ginger.

How many cats does she have in total ?

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2. A family of five people drove in a car for 300 miles at an average speed of 50 miles per hour. For the whole journey nobody noticed that the car had a flat tyre.

How come nobody noticed?

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3. Try to re-arrange the letters of **NEW DOOR** to make one word.

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4. A school orchestra with six musicians can play the first section of Beethoven's 5th symphony in 7 minutes and 23 seconds.

How long would it take to play if they doubled the number of musicians?

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5. Tom owns an antique grandfather clock made in the year 1877.

How long is it designed to go without winding?

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6. Emma was running in a 5 mile marathon. With the end in sight she sprinted past Chloe who was in second place and triumphantly crossed the finish line.

Why didn't Emma win the marathon?

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The answers !

1. She has three cats.

2. It was the spare tyre.

3. NEW DOOR re-arranges to make ONE WORD.

4. The same amount of time. The number of musicians will not change the length of the piece of music !

5. It is not designed to go without winding.

6. She was still in second place.