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11+ VERBAL
REASONING SAMPLE

TYPE 15
(LOGIC PROBLEMS)

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For these questions you have to work out the answer using the information provided. Read all the information provided before attempting to work out the answer.

Question 1.

John's dad Barry is three times as old as John was 2 years ago. If John is 19 next year, how old is his dad?

Question 2.

Four years ago Emily's mum Sandra was twice as old as Emily will be next year. If Emily is 28 next year, how old is her mum?

Question 3.

Jay has 8 toy cars. Shay has two less. Adrian has three times as much as Shay and David has 4 less than Adrian. Gordon has half as many as David. How many does Gordon have?

Question 4.

Mavis is four times as old as her son Harold was 4 years ago. If Harold is 22 next year how old is Mavis next year?

Question 5.

If Aryan has twelve fish in his tank and this is twice as many as Chloe, how many does Steve have if he has three times as many as Lucy who has half as many as Chloe?

Question 6.

Aidan goes to swimming training four times a week. Each time he goes he swims 30 lengths. Hannah goes swimming three times a week and each time she goes she swims eight more lengths than Aidan.

Which one of the following statements must be true?

- A. Aidan is healthier than Hannah.
- B. Hannah swims further in a week than Aidan.
- C. Aidan is the best swimmer.
- D. Aidan swims further in a week than Hannah.
- E. Hannah enjoys swimming.

Question 7.

What month will it be in 6 months time if three months before last it was November?

TYPE – 15 (LOGIC PROBLEMS)



| QUESTION | ANSWERS |
|----------|--|
| 1. | John's age now $\rightarrow 18$ John's age two years ago $\rightarrow 16$ Barry's age $\rightarrow 3 \times 16 = 48$ 48 |
| 2. | Sandra's age four years ago $\rightarrow 28 \times 2 = 56$ Sandra's age now $\rightarrow 56 + 4 = 60$ 60 |
| 3. | Jay $\rightarrow 8$ cars Shay $\rightarrow 8 - 2 = 6$ cars Adrian $\rightarrow 6 \times 3 = 18$ cars David $\rightarrow 18 - 4 = 14$ cars Gordon $\rightarrow 14 \div 2 = 7$ cars 7 cars |
| 4. | Harold now $\rightarrow 21$ Harold 4 years ago $\rightarrow 17$ Maris now $\rightarrow 17 \times 4 = 68$ Maris next year $\rightarrow 68 + 1 = 69$ 69 |
| 5. | Aryan $\rightarrow 12$ Chloe $\rightarrow 12 \div 2 = 6$ Lucy $\rightarrow 6 \div 2 = 3$ Steve $\rightarrow 3 \times 3 = 9$ 9 |
| 6. | Aidan $\rightarrow 4 \times 30 = 120$ lengths Hannah $\rightarrow 3 \times 38 = 114$ lengths Aidan swims further in a week D |
| 7. | Three months before last month \rightarrow March March + 6 months \rightarrow September September |