Choose correct answer(s) from the given choices

(1) Adit has twice as many dolls as Ramadhan has. Altogether they have 15 dolls. How many dolls does Ramadhan have?

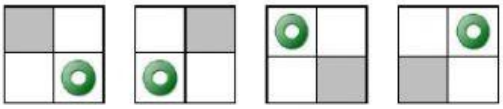
a. 5 dolls

b. 3 dolls

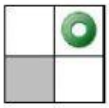
c. 11 dolls

d. 8 dolls

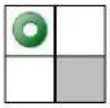
(2) Find the next figure.



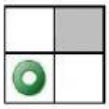
a.



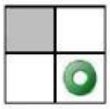
b.



c.



d.



(3) Which rule can be used to explain this number pattern?
1, 2, 5, 14, 41, 122, 365, ...

a. Multiply by 3 and add 1

b. Multiply by 3 and subtract 1

c. Add 0, then add 1, then add 2, and so on

d. Multiply by 1, then multiply by 2, then multiply by 3, and so on

Fill in the blanks

(4) Arrange this sequence in descending order.
6, 9, 1, 5, 1, 5, 5, 2, 2

Sum of the first and the middle digit is _____.

(5) Anna buys 15 notebooks. Jonah buys 9 more notebooks than Anna. Both of them have _____ notebooks altogether.

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Answer the questions

(6) How many numbers must be chosen from the integers 1 to 10 such that at least two of them add up to 11.

(7) Find the rule for the pattern shown below.

4 9 14 19 24 29 34

(8) Bayu was born on June 19 in the year 2004. How old will he be on June 19 in 2037?

(9) Rudi remembers that his father's birthday is after 2nd but before 9th of May. His sister Icha remembers that her father's birthday is before 13th and after 7th of May. On which date of May is their father's birthday?

(10) What day came before yesterday, if the day after tomorrow is Tuesday?

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