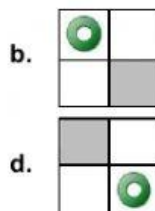
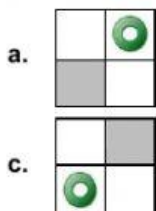
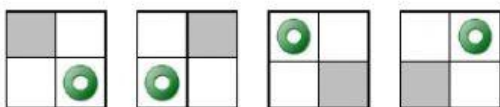


**Choose correct answer(s) from the given choices**

- (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.



- (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.

## 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 2<sup>nd</sup> but before 9<sup>th</sup> of May. His sister Icha remembers that her father's birthday is before 13<sup>th</sup> and after 7<sup>th</sup> 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?
- 

