

Primary 3 · Mathematics · Maths General Ability II

Figure reasoning 1

Time **30 min** Marks **8** Questions **8**

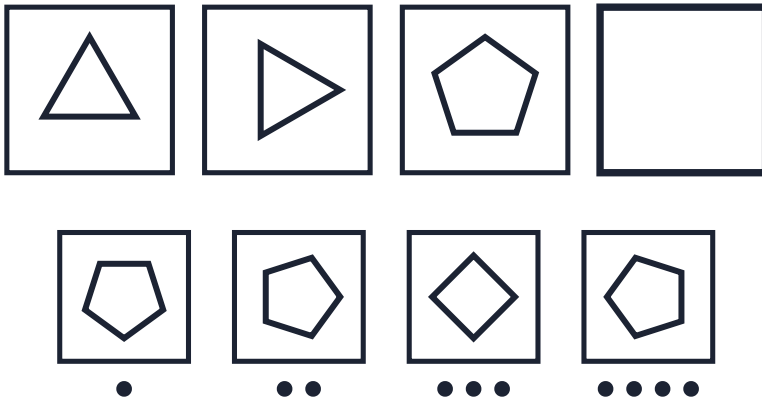
Name _____ Class _____ Date _____ Score _____ / 8

1. Write the number of the figure that answers each question. The choices are numbered under the question.

Figure reasoning

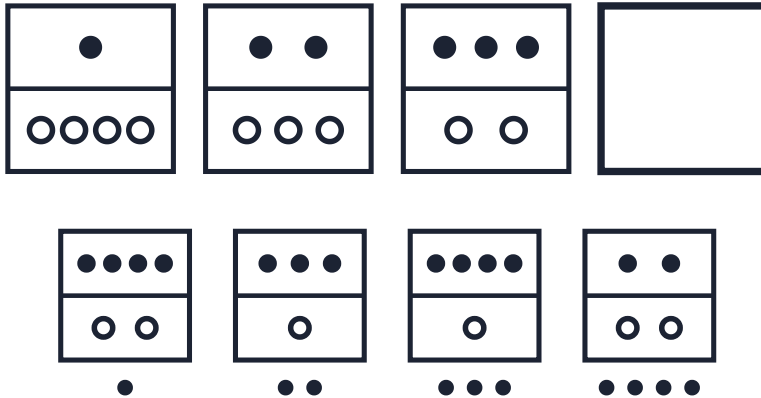
Questions 1 to 8 carry 1 mark each.

- 1 A shape is turned one quarter clockwise. The first pair shows a triangle and the second pair starts with a pentagon. Which figure completes the pair? [1]
Write the number of the correct figure.



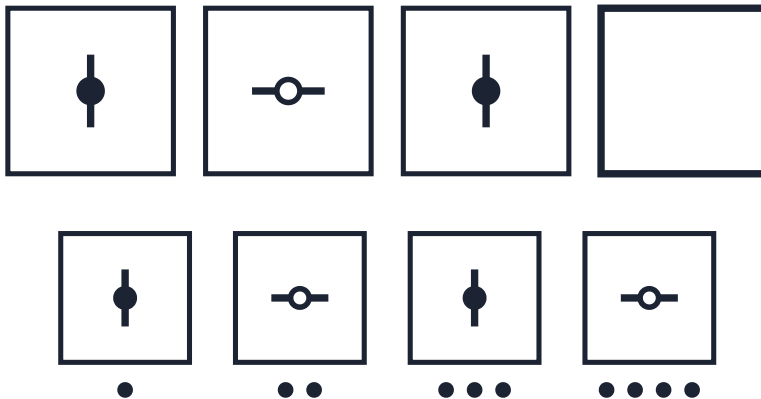
ANSWER _____

- 2 The top row of black dots gains one dot each step and the bottom row of white dots loses one. Which figure comes next? [1]
Write the number of the correct figure.



ANSWER _____

- 3 The arrow turns one quarter clockwise and the centre dot alternates filled, empty, filled. Which figure comes next? [1]
Write the number of the correct figure.

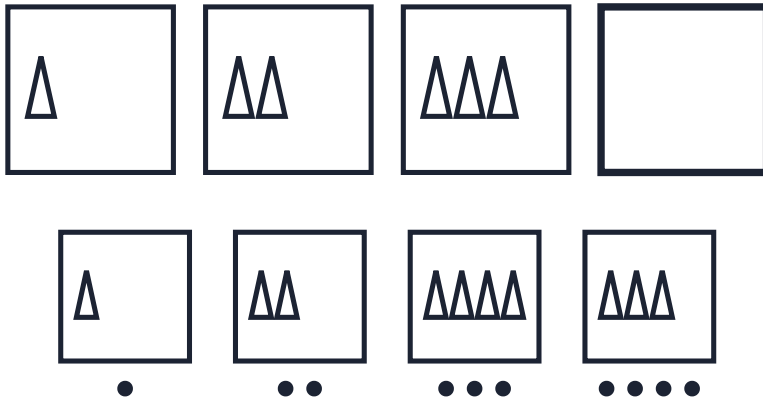


ANSWER _____

- 4 One more triangle appears at each step. Which figure comes next?

[1]

Write the number of the correct figure.



ANSWER _____

- 5 One more horizontal line appears at each step. Which figure comes next?

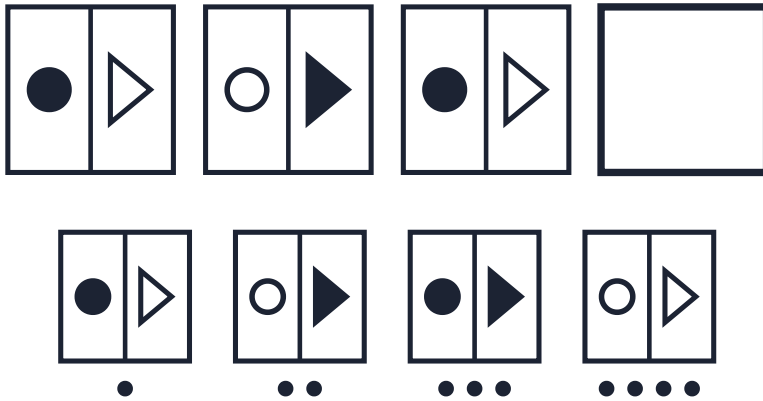
[1]

Write the number of the correct figure.



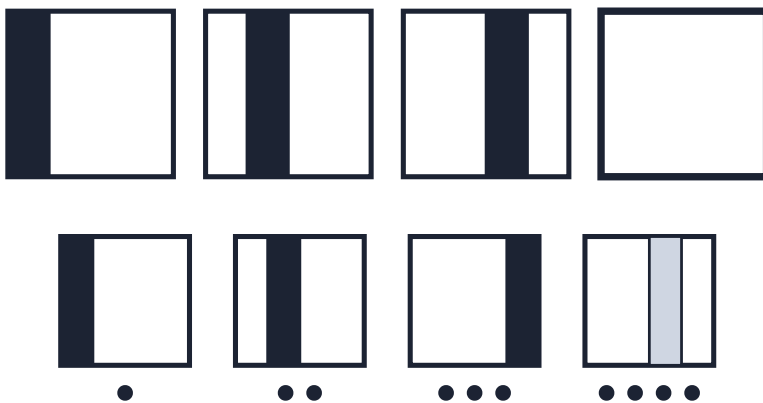
ANSWER _____

- 6 The circle and the triangle swap colour at every step. Which figure comes next? [1]
Write the number of the correct figure.



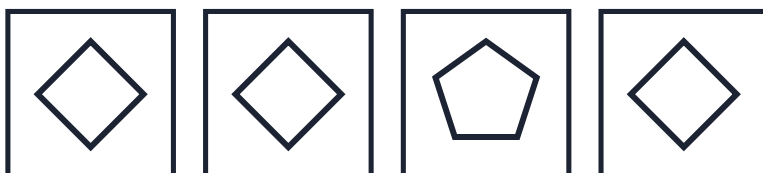
ANSWER _____

- 7 The shaded column moves one place to the right each step. Which figure comes next? [1]
Write the number of the correct figure.



ANSWER _____

- 8 Three of the figures are the same shape and one is not. Which is the odd one out? [1]
Count them 1 to 4 from left to right.



ANSWER _____

END OF PAPER