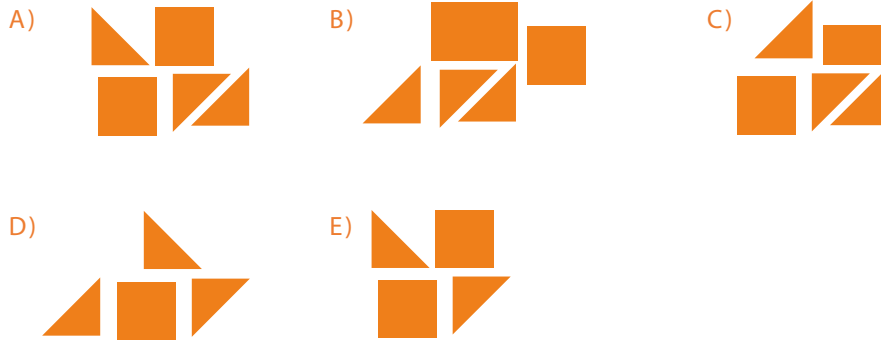


Verbal, Numerical, Visual-Spatial Test (VNVST) Sample Questions

C) VISUAL-SPATIAL REASONING

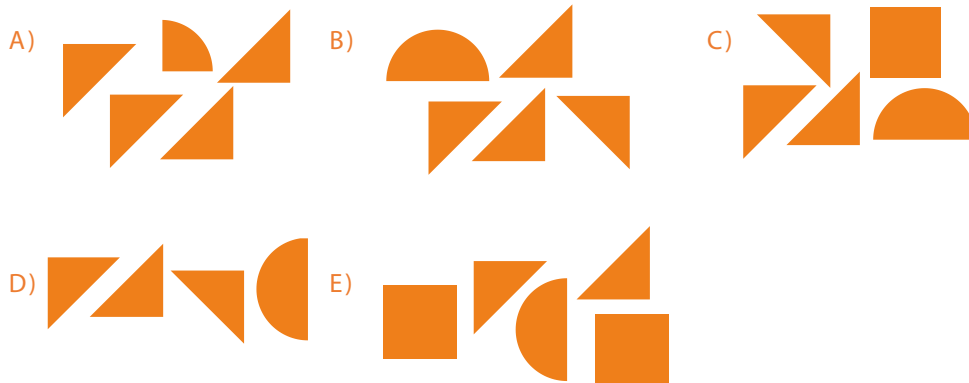
Shape Combining

- 1) Below, there are some plane figures. Which of the options, makes up the next shape when the figures are arranged without overlapping each other?



ANSWER: E

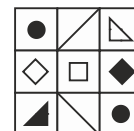
- 2) Below, there are some plane figures. Which of the options, makes up the next shape when the figures are arranged without overlapping each other?



ANSWER: B

Mirror Images

- 3) Which one of the following is a mirror image of the next figure?



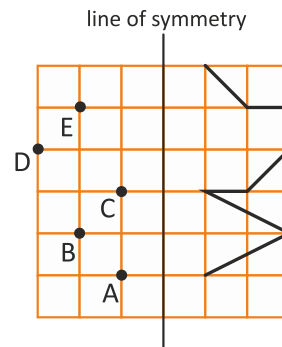
ANSWER: B

4) Which one of the following is a mirror image of the next figure?



ANSWER: A

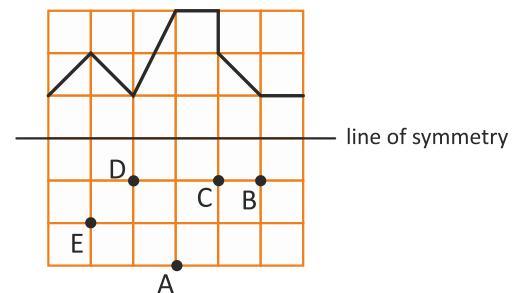
5) The symmetry of the shape giving on the right was drawn according to the given line of symmetry. In this case which point was not used?



- A) A
- B) B
- C) C
- D) D
- E) E

ANSWER: B

6) The symmetry of the shape giving above was drawn according to the given line of symmetry. In this case which point was not used?



- A) A
- B) B
- C) C
- D) D
- E) E

ANSWER: C

Cubes and Nets

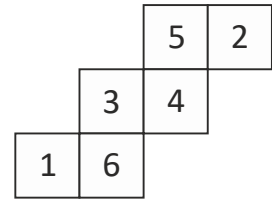
7) Next picture represents a cube from five different perspectives in which each face has a different figure. Which figures are located in front of the faces with "star" and "plus" figures respectively?



- A) SQUARE and CIRCLE figures
- B) PLUS and STAR figures
- C) RECTANGLE and STAR figures
- D) PLUS and TRIANGLE figures
- E) CIRCLE and STAR figures

ANSWER: B

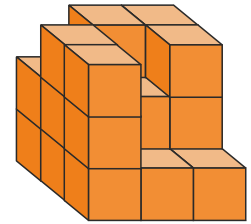
8) When the figure on the right is folded to form a cube, which face will be in front of the face numbered "1"?



- F) 6
- G) 5
- H) 4
- I) 3
- J) 2

ANSWER: C

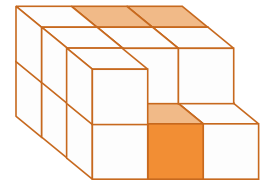
9) At least how many more cubes of the same size are needed to have the appearance of a large cube?



- A) 5
- B) 6
- C) 7
- D) 8
- E) 9

ANSWER: D

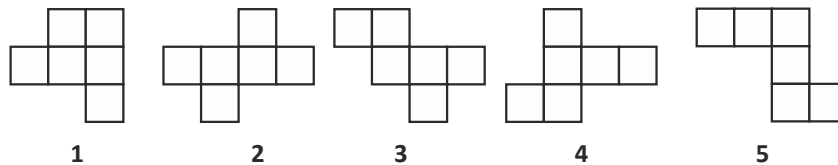
10) The structure on the right was formed by using white and dark coloured cubes of the same size. How many dark coloured cubes could be used the most?



- A) 8
- B) 7
- C) 6
- D) 5
- E) 3

ANSWER: B

11) The picture below represents five different unfolded papers. Which of the following will not form cube(s) when folded?

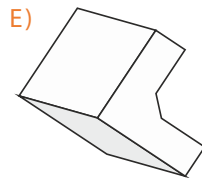
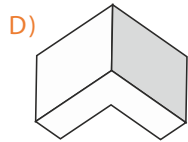
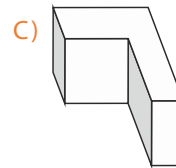
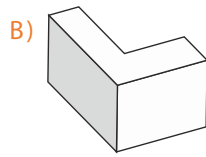
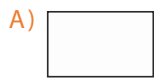
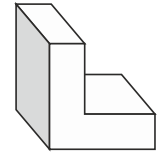


- A) Only 1
- B) Only 3
- C) 1 and 4
- D) 2 and 5
- E) 1 and 5

ANSWER: E

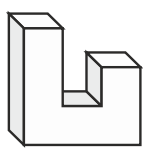
Rotations

12) Which one of the following is not one of the rotated forms of the three-dimensional figure on the right?

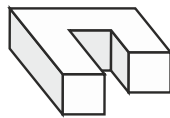


ANSWER: E

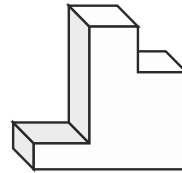
13)



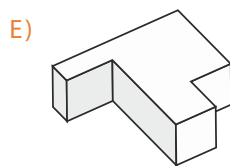
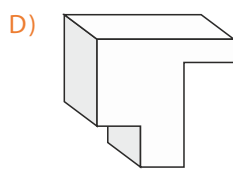
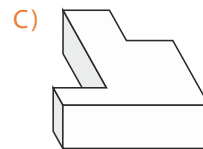
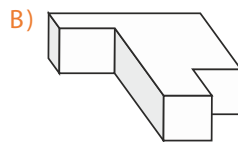
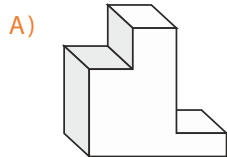
is rotated to



as



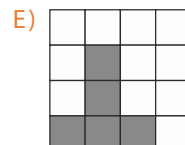
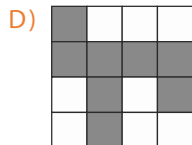
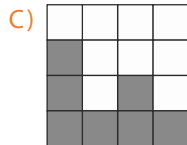
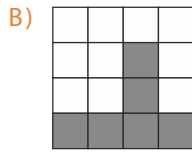
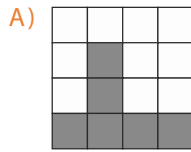
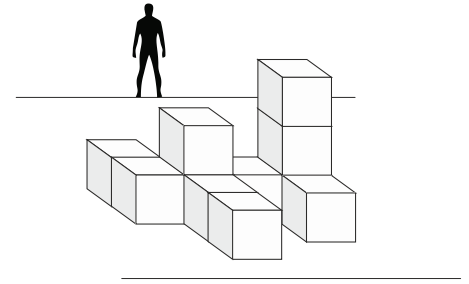
is rotated to



ANSWER: B

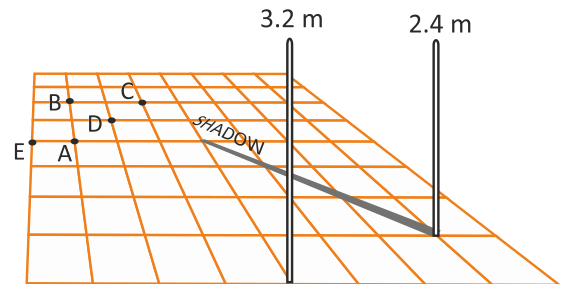
Perspectives

14) Eleven equal cubes were located as seen in the next picture. How does a man see this construction if he stands just behind it?



ANSWER: C

15) The picture on the right shows the shadow of a 2.4 meter high bar on a checkered floor. Accordingly, to what point does the shadow of the 3.2-meter-high bar reach?



- A) A
- B) B
- C) C
- D) D
- E) E

ANSWER: E