

2023 GEP Selection Test Timed Daily Practice

Day 4-Comprehensive

Time: 20min Full marks: 20 points Name: _____ Score: _____

1. (5 points) How many different ways are there to fill the blanks?

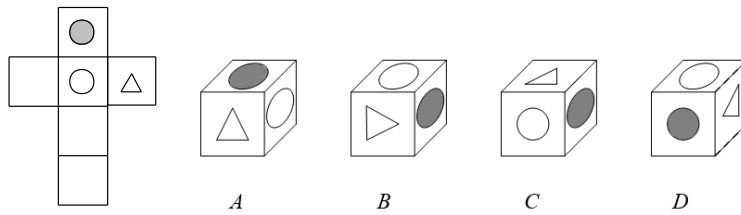
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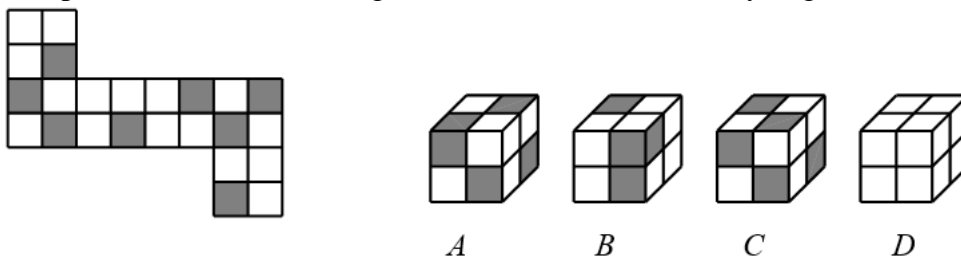
2. (5 points) If the last number in a box is 84, what is the first number in this box?

| | | | | |
|---|-------|--------------|-------------------|-----|
| 3 | 6 9 | 12 15 18 | 21 24 27 30 | ... |
|---|-------|--------------|-------------------|-----|

3. (3 points) Fold the left image into a cube, which one do you get?



4. (3 points) Fold the left image into a cube, which one do you get?



5. (4 points) There are four girls and two boys of different ages, the eldest being 10 years old and the youngest being 4 years old. The eldest girl is 4 years older than the youngest boy, and the eldest boy is also 4 years older than the youngest girl. Find the age of the eldest boy.