

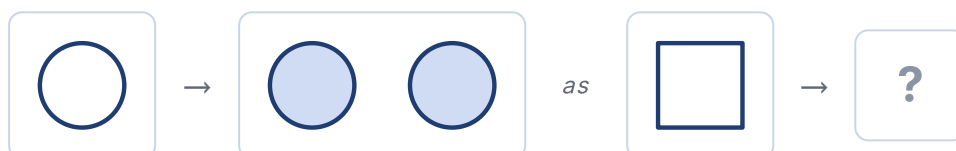
**YEAR 5**

Non-Verbal Reasoning: Analogies and Series

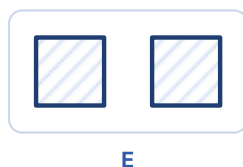
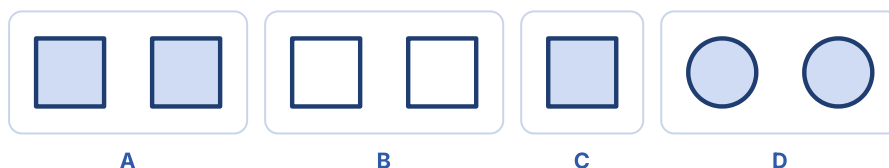
Everything here changes two things at once, which is where most children start losing marks. The habit that fixes it is naming the rule before looking at the options: a rule you can say is a rule you can apply, and a rule you cannot say is a guess.

Section A · Complete the pair

- 1 Complete the pair.

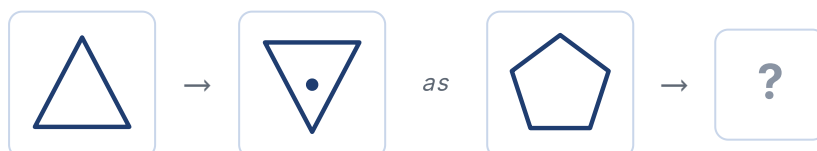


CHOOSE ONE

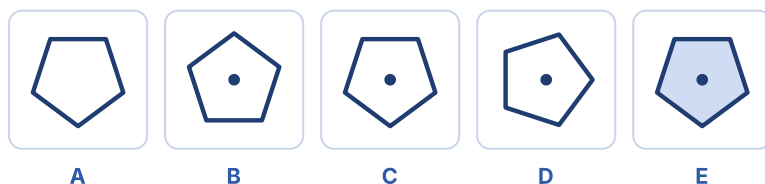


A the shading changes from unshaded to shaded, and the number of shapes goes from 1 to 2.

- 2 Complete the pair.



CHOOSE ONE



C a dot is added, and it is turned a half turn.

3 Complete the pair.



CHOOSE ONE



A



B



C



D



E

E the shading changes from shaded to hatched, and the number of shapes goes from 1 to 2.

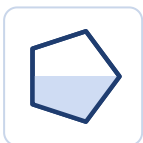
4 Complete the pair.



CHOOSE ONE



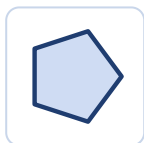
A



B



C



D



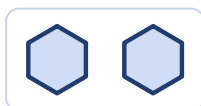
E

B the shading changes from unshaded to half shaded, and it is turned a quarter turn clockwise.

5 Complete the pair.



CHOOSE ONE



A



B



C



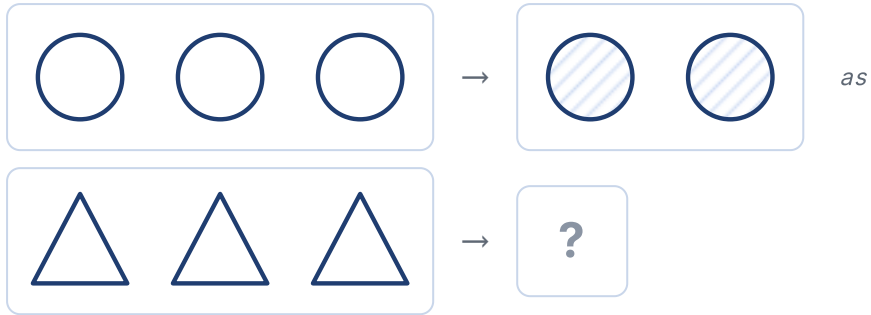
D



E

D the shading changes from unshaded to shaded, and the number of shapes goes from 2 to 1.

6 Complete the pair.



CHOOSE ONE



A



B



C



D



E

C the shading changes from unshaded to hatched, and the number of shapes goes from 3 to 2.

Section B • What comes next

7 Which shape comes next?



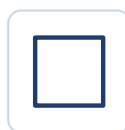
CHOOSE ONE



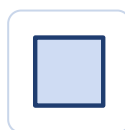
A



B



C



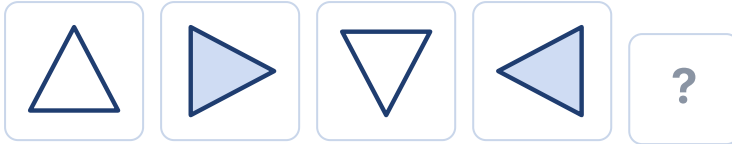
D



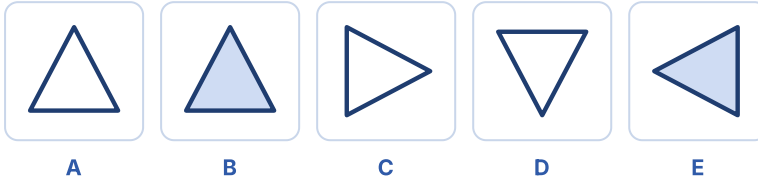
E

C the three shapes repeat in the same order, so the next one is an unshaded square.

8 Which shape comes next?

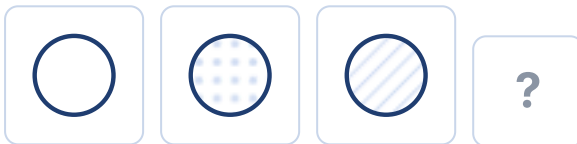


CHOOSE ONE

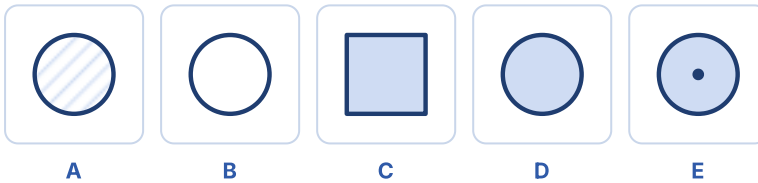


A it turns a quarter turn and the shading swaps, both every time, so the next one is an unshaded triangle.

9 Which shape comes next?

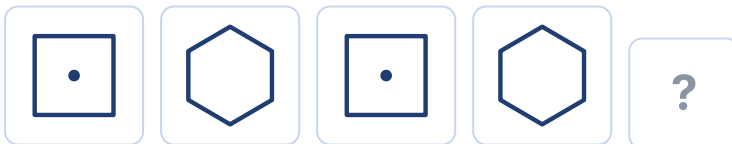


CHOOSE ONE

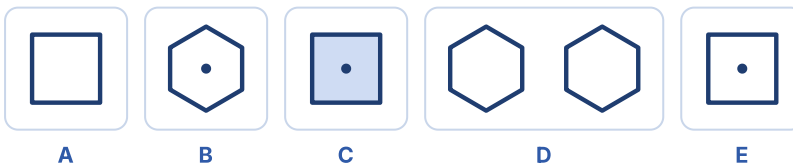


D the shading gets heavier each time: empty, dotted, hatched, filled, so the next one is a shaded circle.

10 Which shape comes next?

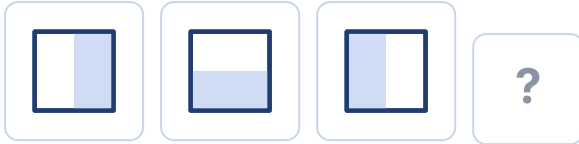


CHOOSE ONE

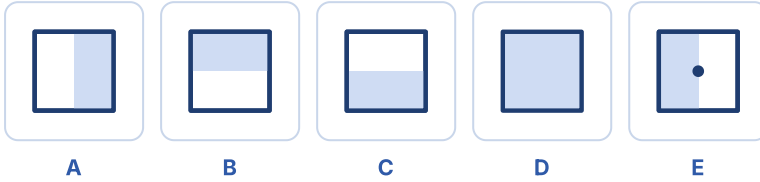


E the shape alternates, and the dot goes with the square, so the next one is an unshaded square with a dot.

11 Which shape comes next?



CHOOSE ONE

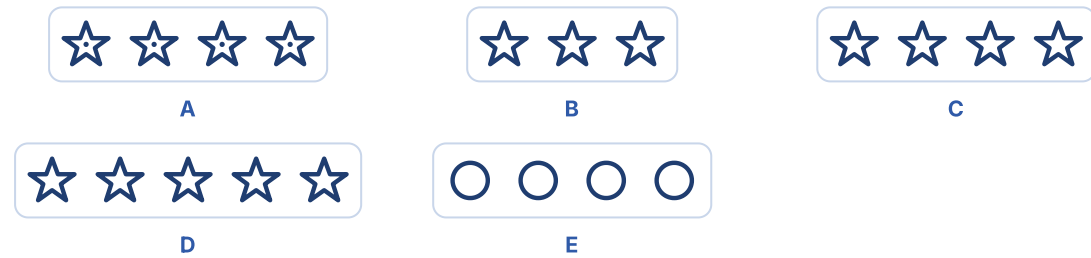


B the shaded half moves round a quarter turn at a time, so the next one is a half shaded square turned 270 degrees.

12 Which shape comes next?



CHOOSE ONE



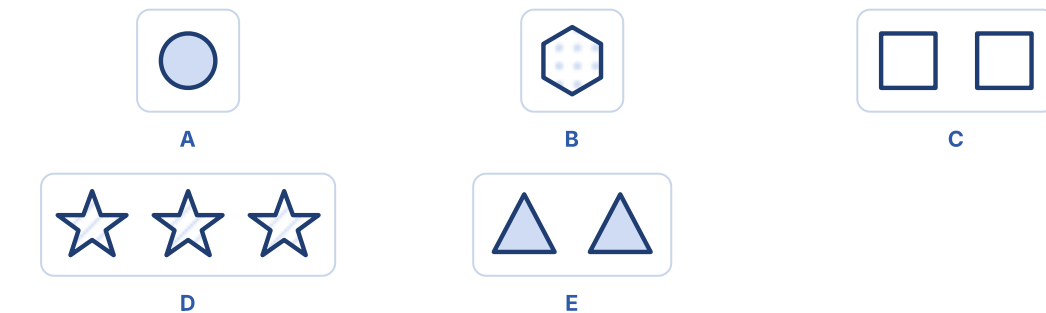
C one more star each time, and the dot appears in every other one, so the next one is 4 unshaded stars.

Section C • Which one belongs

13 Which shape belongs with these three?



CHOOSE ONE



B all four are hexagons.

14 Which shape belongs with these three?



CHOOSE ONE



A



B



C



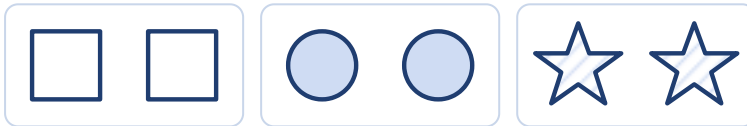
D



E

C all four are shaded.

15 Which shape belongs with these three?



CHOOSE ONE



A



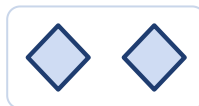
B



C



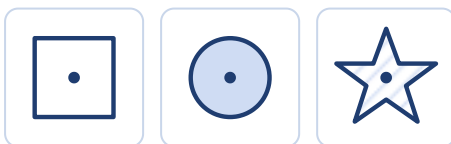
D



E

E all four show 2 shapes.

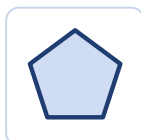
16 Which shape belongs with these three?



CHOOSE ONE



A



B



C



D



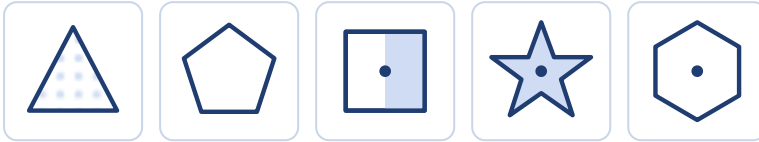
E

D all four have a dot.

17 Which shape belongs with these three?



CHOOSE ONE



A

B

C

D

E

A all four are triangles.