

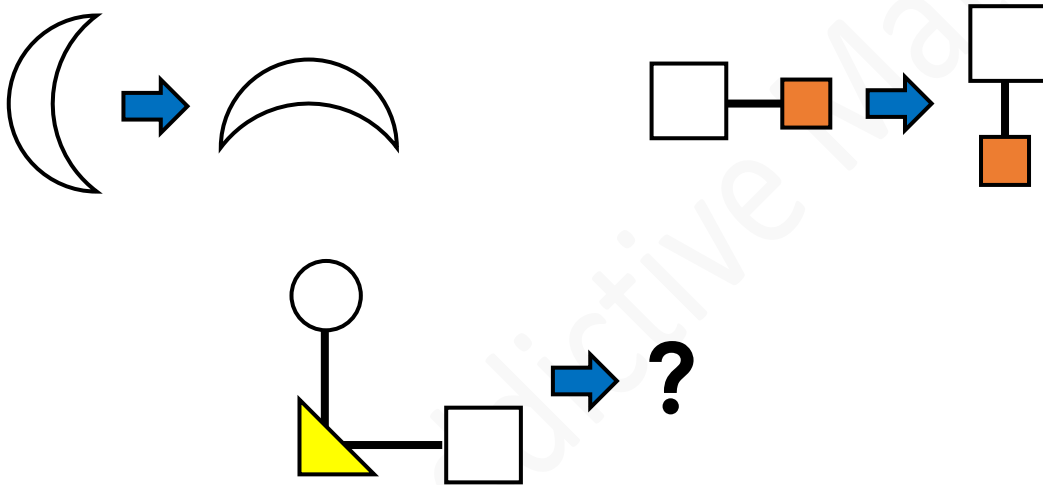
Junior Maths Mastery Challenge Sample

Paper K

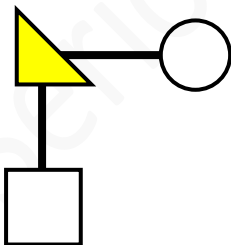
Section A

Questions 1 to 5 carry 3 marks each.

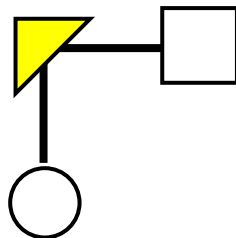
1. Study the figures below.



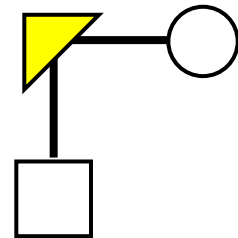
What is the missing figure?



(A)



(B)



(C)



2. Study the pattern below.

B D F H J L N P ...

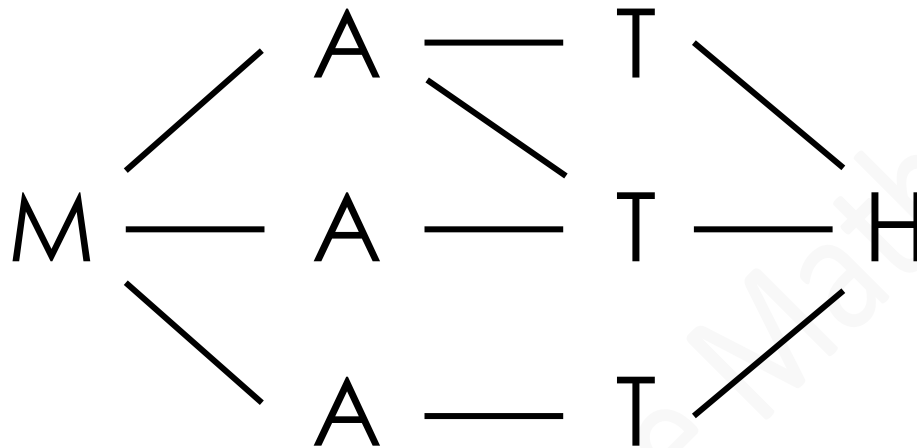
What letter comes next?

(A) Q

(B) R

(C) S

3. How many different ways can you form M–A–T–H in the diagram below?



(A) 3

(B) 4

(C) 5



4. Ken's birthday is on Friday, 25 May.
What day is it on 1 May?

(A) Monday (B) Tuesday (C) Wednesday

5. Study the number pattern below.

1 2 3 1 2 3 1 2 3 1 ...

1st

Add up the first 15 numbers.
What answer do you get?

(A) 5 (B) 30 (C) 50



Section B

Questions 6 and 7 carry 4 marks each.

6. Mrs Lee wants to put 25 children into two groups. The children line up in a straight line. For the 1st group, she picks the 1st child, then picks every 3rd child. The rest are in the 2nd group. How many children are in the 2nd group?

(A) 12

(B) 13

(C) 16

7. The picture shows 2 boys, John and Peter, and 3 girls, Lisa, Sarah and Tina, running in a park.



[Scene Vectors by Vecteezy](https://www.vecteezy.com/free-vector/scene)

John is behind Sarah.

Peter is in front of John.

Tina is not the last.

Which statement below is **not** correct?

- (A) Sarah is in the 1st position.
- (B) John is in the 2nd position.
- (C) Lisa is in the last position.