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Questions 13–17

A toy retailer is opening a small satellite store with exactly three aisles, numbered from 1 (lowest) to 3 (highest).

Six sections—Fantasy, Hobbies, Music, Puzzles, Reading, and Science—will each be confined to exactly one aisle, with each aisle containing at least one of the sections. The following conditions hold:

Reading must be located in the same aisle as either Fantasy or Music.

Fantasy must be located in a lower-numbered aisle than both Music and Puzzles.

Science must be located in a lower-numbered aisle than Puzzles.

Science cannot be located in a lower-numbered aisle than Hobbies.

13. If aisle 1 contains Hobbies only, which one of the following could be true?

- (A) Fantasy is located in aisle 3.
- (B) Music is located in aisle 2.
- (C) Puzzles is located in aisle 2.
- (D) Reading is located in aisle 3.
- (E) Science is located in aisle 3.

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14. If aisle 3 contains Puzzles only, which one of the following must be true?
- (A) Fantasy is located in aisle 1.
 - (B) Hobbies is located in aisle 1.
 - (C) Music is located in aisle 1.
 - (D) Reading is located in aisle 1.
 - (E) Science is located in aisle 2.
15. If each aisle contains exactly two of the six sections, then Science must be located in the same aisle as
- (A) Fantasy
 - (B) Hobbies
 - (C) Music
 - (D) Puzzles
 - (E) Reading



16. Which one of the following CANNOT be the list of the sections located in aisle 2?
- (A) Hobbies, Music
 - (B) Music, Reading
 - (C) Music, Science
 - (D) Hobbies, Music, Science
 - (E) Music, Reading, Science
17. If aisle 2 contains Science only, then each of the following must be true EXCEPT:
- (A) Fantasy is located in aisle 1.
 - (B) Hobbies is located in aisle 1.
 - (C) Music is located in aisle 3.
 - (D) Puzzles is located in aisle 3.
 - (E) Reading is located in aisle 1.



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