PLOTTING COORDINATES ON A Set of axes. - Answers

SPIRAL



S1.	A bag contains 4 red marbles and	2/5	S2.	Simplify 5a + 3b + 2a	7a + 3b	
	6 blue marbles.					
	What is the					
	probability of					
	picking a red					
	marble?					
S3.	Find the mean of 7,	9	S4.	Find the highes	st 9	
	9 and 11			common factor	of	
				18 and 27		

DEVELOP

You start at (0,0) 1. You start at (0,0) 2. (3,2) (5,0) and move 3 and move 5 units right and 2 units right and 0 units up. What units up. What are the are the coordinates? coordinates?

- 3. You start at (4,3) 4. You start at (7,5) (6,4) (4,3)and move 2 and move 3 units left and 2 units right and 1 unit up. What units down. are the new What are the coordinates? new
- 5. You start at (4,3) 6. Start at (0,0). (4,7) (8,6). After Move 4 units moving 4 units right and 7 units left and 3 units up. What are the down, what are coordinates?
- 7. Start at (0,0). (6,3)
 8. Start at (5,2). (8,6)
 Move 6 units
 right and 3 units
 up. What are the
 coordinates?
 8. Start at (5,2). (8,6)
 Move 3 units
 right and 4 units
 up. What are the
 new
 coordinates?
- 9. Start at (9,7). (7,6) Move 2 units left and 1 unit down. What are the new coordinates?
- 11. Start at (10,10). (6,7) Move 4 units left and 3 units down. What are the new coordinates?
- 10. Start at (3,8). (2,3) Move 1 unit left and 5 units down. What are the new coordinates?

coordinates?

12. What are the (5,7) coordinates 2 units above (5,5)?

- 13.What are the
coordinates 3(5,4)14.What are the
coordinates 1(7,8)units to the left
of (8,4)?unit below
(7,9)?(7,9)?
- 15. What are the (6,3) coordinates 4 units to the right of (2,3)?

APPLY



A1. Sam starts at the park entrance (0,0). He walks 5 (5,3)metres east and 3 metres north to a bench. What are the bench's coordinates? A drone takes off from (2,4). It flies 7 units east A2. (9,6) and 2 units north to take photos. What are its new coordinates? A3. A treasure is buried 3 units west and 4 units (7,4)south of a tree at (10,8). What are the treasure's coordinates? In a city grid, the cafe is at (6,9). The bookshop is A4. (4,8)2 blocks west and 1 block south of the cafe. What are the bookshop's coordinates? A5. A boat sails from harbour (15,10). It travels 6 (9,5) units west and 5 units south to an island. What are the island's coordinates?