





Answers

Developing 1a. 3 right

2a. (1, 2) 3a. (1, 1) 4a. 2 up

Expected

5a. 6 left and 7 down 6a. (2, 1) 7a. (2, 3) 8a. 3 right and 6 up

Developing

1b. No because the heart has moved 3 squares right.
2b. It has moved 2 squares right. A (1, 2) has moved to B (3, 2).
3b. 1A; 2B

Expected

4b. Yes, Ali is right because the new coordinates are (3, 6).
5b. They have both moved 4 squares right and 6 squares down. A (4, 9) has moved to C (8, 3); B (2,7) has moved to D (6, 1).
6b. 1A; 2C; 3B

Greater Depth

9a. 10 right and 2 up; 14 down and 4 left
10a. A. (36, 48); B. (42, 24); C. (60, 54)
11a. A. (16, 4); B. (20, 28); C. (36, 12)
12a. 16 right and 20 up

Greater Depth

7b. No, she is incorrect because they both move 12 right and 16 up.
8b. They have both moved 12 right and 20 down. A (6, 4) has moved to E (18, 14);
B (4, 10) has moved to D (16, 20).
9b. 1B; 2C; 3D; 4A