Read grids and translate

Stage 02 | Interpret | 8 mixed items

Stage 02: Interpret signed movement

Interpret

Show your working or construction on paper. State units where asked. For questions 7 and 8, explain your method. Numerical entries may be rounded to 2 decimal places.

Name: _____ Date: _____

Work on separate paper. Plot and label figures; retain compass arcs. Give a reason for items 7 and 8.

1. A move has vector (2, 1). What is its horizontal displacement?

2. A move has vector (-3, -1). What is its horizontal displacement?

3. A move has vector (2, 0). What is its horizontal displacement?

4. A move has vector (-3, 1). What is its horizontal displacement?

5. In point (-3, 2), which coordinate is horizontal?

6. In point (-2, 3), which coordinate is horizontal?

7. Diagnose an error. A move has vector (2, 1). What is its horizontal displacement? A learner answers “3”. Give the correct answer and identify why the proposed answer fails.

8. Explain your choice. A move has vector (-3, -1). What is its horizontal displacement?

Mr. Devonish

Self-check after attempting: use the separate answer key on the skill page. Correct reasoning and a valid drawing matter as well as the final answer.