

# Practice Test Answer and Alignment Document

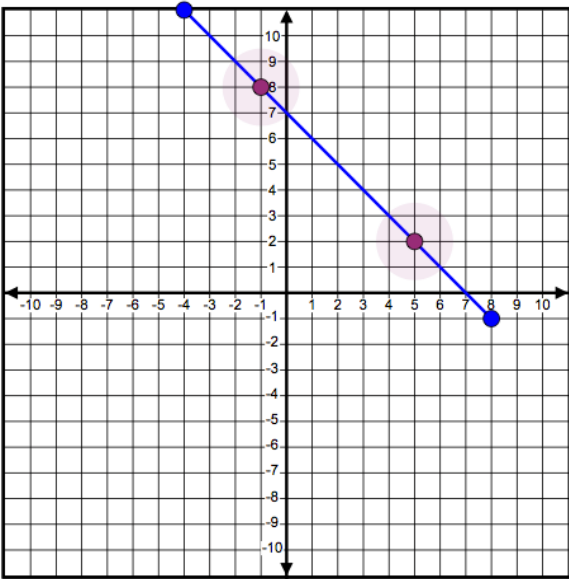
## Mathematics – Geometry

### Online

The following pages include the answer key for all machine-scored items, followed by the rubrics for the hand-scored items.

- The rubrics show sample student responses. Other valid methods for solving the problem can earn full credit unless a specific method is required by the item.
- In items where the scores are awarded for full and partial credit, the definition of partial credit will be confirmed during range-finding (reviewing sets of real student work).
- If students make a computation error, they can still earn points for reasoning or modeling.

| Item Number | Answer Key               | Evidence Statement Key/Content Scope | Integrated Course Alignment |
|-------------|--------------------------|--------------------------------------|-----------------------------|
| 1.          | C                        | G-SRT.1a                             | 2                           |
| 2.          | Part A: -1<br>Part B: 44 | G-GPE.1-2                            | 3                           |

|    |  |         |   |
|----|--|---------|---|
| 3. |   | G-GPE.6 | 3 |
| 4. | 15   | G-SRT.5 | 2 |
| 5. | <p>Part A:</p> <p>Statement: <math>\angle CBD \cong \angle BFE</math> Reason: <input type="text" value="Given"/></p> <p>Statement: <math>\angle CBD \cong \angle ABF</math> Reason: <input type="text" value="Vertical angles are congruent"/></p> <p>Statement: <math>\angle ABF \cong \angle BFE</math> Reason: <input type="text" value="Transitive property of congruence"/></p> <p>Part B:</p> <p>Statement: <math>m\angle CBD = m\angle BFE</math> Reason: <input type="text" value="Given"/></p> <p>Statement: <math>m\angle CBD + m\angle DBF = 180^\circ</math> Reason: <input type="text" value="Angles that form a linear pair"/></p> <p>Statement: <math>m\angle BFE + m\angle DBF = 180^\circ</math> Reason: <input type="text" value="Substitution property of equality"/></p> | G-CO.C  | 1 |
| 6. | A  | G-SRT.6 | 2 |