



BASIC INDIVIDUAL TEST BLUEPRINT ANALYSIS WORKSHEET

One-Way Alignment: Mapping One Assessment Test or Performance Task to Standards and Intended DOK (Example)



EXAMPLE: Math Assessment Alignment

Assessment Task: Intersecting Polygons (see description below) Content Area: Mathematics

Course or "Opportunity" of Assessment: All 9th-grade students

A partial EXAMPLE: This is an on-demand (50-minute) assessment, scored with a rubric. (See notes below.)

| List by Item # or Rubric Criterion Assessed | Item DOK | Content Focus Standards Assessed | # of Test Points—for Each Item or Part | | | | Notes Standard Assessed or Emphasis? (F) Fully—(P) Partially? |
|---|----------|----------------------------------|--|-----------------|---------------------------|----------|---|
| | | | Concepts Procedure Precision | Problem Solving | Abstract Reasoning, Argue | Modeling | |
| (1a) F&A 10-3 M&G 10-8 | 1, 2 | Solve & graph | 1 | | | 1 | (F&A 10-3) Solve linear equation—P |
| (1b) F&A 10-3 M&G 10-8 | 1, 2 | Solve & graph | 1 | | | 1 | (M&G 10-8) Use coordinate system to graph equations—P |
| (1c) F&A 10-3 M&G 10-8 | 1, 2 | Solve & graph | 1 | | | 1 | |
| (1d) F&A 10-3 M&G 10-8 | 1, 2 | Solve & graph | 1 | | | 1 | |
| (2a) | 1 | Describe | | | | | |
| (2b) | 1 | Identify Intersection | | | | | |
| (2c) | 2/3 | Verify | | | 2 | | |
| (3a) M&G 10-2 | 2/3 | Recall char of polygon | 1 | | | | (M&G 10-2) properties of polygon—P |
| (3b) | | | 1 | | | | |
| (3c) M&G 10-2 | 2/3 | | 1 | 1 | 1 | | (M&G 10-2) use properties to justify solution—P |
| TOTALS | | | 7 | 1 | 1 | 4 | |

Notes about this test, assessment task, or rubric:
 Rubric only gives full credit if solved and graphed correctly (1a–1d).

- Graph these four (linear) equations (1a–d) on the same coordinate plane, labeling axes and including all calculations.
- Describe how each line relates to the others. (2b) For all lines that intersect, identify points of intersection. (2c) Using algebra, verify points of intersection.
- (3a) How many polygons are created by the intersecting lines? (3b) Describe in as many ways as possible the characteristics and relationships of the polygons. (3c) Justify each characteristic and relationship mathematically. Be very specific with your descriptions. Write an explanation that includes all mathematical evidence of your findings.

Available for download at resources.corwin.com/HessToolkit