

## Chapter 2 Self-Assessment

|   |   | <b>DURING<br/>(What I<br/>can do)</b>   | <b>AFTER<br/>(Proof that I<br/>can do this)</b>   |
|---|---|---|---|
| <b>Concept</b>  | <b>BEFORE</b>   |   |   |
| <b>2.1</b>  |   |   |   |
| I can use proportional reasoning to determine the dimensions of a scale drawing or model. | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes |
| I can draw a scale diagram of a given object.   | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes |
| I can solve problems that involve scale.  | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes |
| I can describe when a scale representation might be used.                                 | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes |
| I can construct a model of a 3-D object.  | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes |
| <b>2.2</b>  |   |   |   |
| I can draw top, front, and side views of a 3-D object.                                    | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes |
| I can draw a 3-D object from the top, front, and side views.                              | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes |
| I can create an isometric drawing of a 3-D object.  | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes |
| I can determine if the given views of a 3-D object represent the object.                  | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes |



Name: \_\_\_\_\_

Date: \_\_\_\_\_

**BLM 2-1**  
(continued)

| Concept   | BEFORE  | DURING<br>(What I can do)   | AFTER<br>(Proof that I can do this)   |
|---|---|---|---|
| <b>2.3</b>  |   |   |   |
| I can draw a one-point perspective view of a 3-D object.                          | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes |
| I can identify the point of perspective of a one-point perspective drawing.       | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes |
| I can draw the components of an exploded view diagram.                            | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes |
| I can sketch an exploded view diagram of a 3-D object.                            | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes |
| I can sketch a 2-D representation of a 3-D object from its exploded view diagram. | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes | <input type="checkbox"/> No, not yet<br><input type="checkbox"/> Some<br><input type="checkbox"/> Yes |

