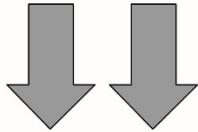


Master 33: Activity 13 Assessment

Exploring Transformations

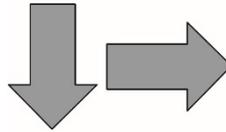
Applying Transformations to 2-D Shapes Behaviours/Strategies

1. Student identifies identical shapes with same orientation



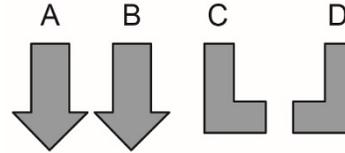
“These shapes have the same size and shape and are facing the same way.”

2. Identifies identical shapes with different orientations



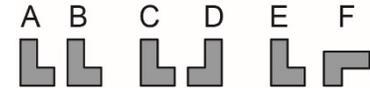
“These shapes are identical because I can picture turning one shape to match the other.”

3. Student identifies translations but struggles to differentiate between reflections and rotations.



“I would translate A to the right to get B. I am not sure if moving C to D is a reflection or a rotation”

4. Student predicts and describes transformations of identical shapes and objects.



“When I translate a shape or object from A to B, the orientation stays the same. When I reflect a shape or object from C to D, I see a mirror image. When I rotate a shape or object from E to F, I get a different orientation.”

Observations/Documentation