1. A reflection (flip) is one form of a transformation. In the Video Interactive shapes are only reflected in either the _____ or _____ axis.

2. a) This shape has been reflected in the _____ axis.

   ![Diagram showing reflection]

   b) This shape has been reflected in the _____ axis.

   ![Diagram showing reflection]
3. A **translation** (slide) is also a form of a transformation. Shapes may be translated by moving them either ____________ or ________________.

4. a) This shape has been translated ____ units ________, and ___ units ________.  
   (Left/Right) (Up/Down)

5. a) This shape has been translated ____ units ________, and ___ units ________.  
   (Left/Right) (Up/Down)
6. A rotation (turn) is another form of a transformation. Choose a matching rotation for the following:

a) What is the same as a 90° clockwise rotation? __________________________

b) What is the same as a 180° clockwise rotation? __________________________

c) What is the same as a 270° clockwise rotation? __________________________

7. a) This shape has been rotated ____ degrees clockwise or ____ degrees counterclockwise.

b) This shape has been rotated ____ degrees clockwise or ____ degrees counterclockwise.
8. For the following diagrams, choose the correct transformation:

   a) Translation (Slide) ______    Reflection (Flip) ______    Rotation (Turn) ______

   b) Translation (Slide) ______    Reflection (Flip) ______    Rotation (Turn) ______

   c) Translation (Slide) ______    Reflection (Flip) ______    Rotation (Turn) ______