1) **B. The shapes are not congruent. One heart is larger than the other.**

2) I agree with Kyle because each corresponding vertex of the trapezia should be the same distance from the mirror line. The trapezium has been translated rather than reflected.

1) The capital letters that are identical when reflected in all four quadrants are H I O X.

2) Teacher to check accurate reflections.
1) The shape children should have drawn is shown by the orange square.

2) a) A (1,6) B (3,6) C (1,4) D (3,4)
b) (5,6) (7,6) (5,4) (7,4)
1) 2 left 3 right 3 left
   3 down 2 up 4 down

2) New positions are shown in red.

1) No, Samira has not done this correctly. A translated shape should not be different in size. It should be congruent.

2) True or False?
   a) False. The square has been translated 2 right and 3 down.
   b) True. A translated shape should still have the same dimensions.
   c) False. Each vertex of the triangle should move the same distance in the same direction left/right and up/down. The triangle has been rotated by 90°.

1) Teacher to check translations. Ensure that instructions are written left/right then up/down.