Circle the letter corresponding to the *best* answer.

Question 1. Which type of isometry has more than one fixed point?

(A) reflection

(B) rotation

(C) translation

(D) glide reflection

(E) reflection and glide reflection

Question 2. The composition of two translations is a

(A) reflection

(B) rotation

(C) translation

(D) glide reflection

(E) depends on the translations

Question 3. A glide reflection is the composition of

(A) A reflection and a rotation

(B) A reflection and a translation

(C) A rotation and a translation

(D) Two reflections

(E) Two rotations

Question 4. Let $C = (-6, -4)$. Let T be translation right by 10 and let R be reflection across the x-axis. What is $R(T(C))$?

(A) $(6, -1)$

(B) $(4, -4)$

(C) $(6, 1)$

(D) $(4, 4)$

(E) $(9, 3)$

Question 5. According to Larson, the Composition Theorem states that

(A) The composition of rotations is a rotation.

(B) The composition of reflections across nonparallel lines is a rotation.

(C) The composition of translations is a translation.

(D) The composition of isometries is an isometry.

(E) The composition of a translation and a reflection is a glide reflection.