Geometry (E) Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2.3 – Translations and Reflections Practice Period: \_\_\_\_

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| --- | --- |
|  | 1.) A’( , ) B’( , ) C’( , )This is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .Mark as many as apply1. Translation
2. Vertical reflection about a vertical line
3. Horizontal reflection about a horizontal line
4. Vertical reflection about a horizontal line
5. Horizontal reflection about a vertical line
6. NONE of these

If a reflection, then state the equation of the line of reflection:If a translation, then state the translation rule in vector form: |
|  | 2.) Reflect  over the line y = x.A’( , ) B’( , ) C’( , )If we reflect about y = x, then the transformation can be written as  |
|  | 3.) Reflect  over the line y = -x.A’( , ) B’( , ) C’( , )If we reflect about y = -x, then the transformation can be written as  |
|  | 4.) Reflect about the line x = -3, then apply < 2, -6> to .A’( , ) B’( , ) C’( , )A’’( , ) B’’( , ) C’’( , ) |
|  | 5.) Apply < 8, -5> to ,then reflect about the line y = 2.A’( , ) B’( , ) C’( , )A’’( , ) B’’( , ) C’’( , ) |
|  | 6.) Reflect  about the line y = x,then translate it under the rule . A’( , ) B’( , ) C’( , )A’’( , ) B’’( , ) C’’( , ) |