Regents Exam Questions by Topic TRANSFORMATIONS: Translations www.jmap.org

- [1] <u>C</u>
- [2] <u>D</u>
- [3] D
- [4] <u>C</u>
- [5] <u>A</u>
- [6] <u>B</u>
- [7] <u>C</u>
- [8] A
- [9] D
- [10] A
- [11] B
 - [2] Answers of *B*(-6,4) and *D*'(-5,-4).
- [12] [1] One of the correct answers listed above.

[4] Both parabolas are graphed correctly with the line of symmetry x = 3.5 drawn and labeled as x = 3.5.

[3] $y = -x^2 + 9$ is graphed incorrectly, but an appropriate translation is drawn, and an appropriate line of symmetry is drawn and labeled correctly.

or [3] $y = -x^2 + 9$ and its translation are graphed correctly, but no line of symmetry or an incorrect line of symmetry is drawn for the translation or no equation or an incorrect equation is shown for the line of symmetry. [2] $y = -x^2 + 9$ is graphed correctly, but its translation is graphed incorrectly, but an appropriate line of symmetry is drawn and labeled correctly.

or [2] $y = -x^2 + 9$ is graphed incorrectly, but an appropriate translation is graphed, but an incorrect line of symmetry is drawn.

[1] $y = -x^2 + 9$ and its translation are graphed incorrectly, but an appropriate line of symmetry is drawn and labeled correctly. or [1] $y = -x^2 + 9$ is graphed correctly, but

an incorrect translation and line of symmetry are drawn.

[0] A zero response is completely incorrect, irrelevant, or incoherent or is a correct response that was obtained by an obviously

[13] incorrect procedure.