6. It is the translation of $y = |x|$ up 3 units.

7. It is the translation of $y = |x|$ left 4 units.

8. It is the translation of $y = |x|$ down 3 units.
26. \( y = -|x| + 2 \)

27. \( y = -|x + 2.25| \)

28. \( y = -|x| - 15 \)

29. \( y = -|x - 4| \)

30. \( y = |x| + k \) is a translation of \( y = |x| \) up \( k \) units.
\( y = mx + b \) is a translation of \( y = mx \) up \( b \) units.

31. \((-1, 3)\)

32. \((-2, 5) \) and \((5, 2)\)

33. It is a translation of \( y = |x| \) up 2 units and right 1 unit.

34. It is a translation of \( y = |x| \) down 1 unit and left 2 units.

35a. (2, 3)

35b. The \( x \)-coordinate is the horizontal translation and the \( y \)-coordinate is the vertical translation. The vertex is \((b, k)\).

35c. Answers may vary. Sample:
\( y = 0.25x + 5.05 \)
Answers may vary. Sample:

\[ y = 12.5x \]