

### Worksheet – Graphing Absolute Value Functions

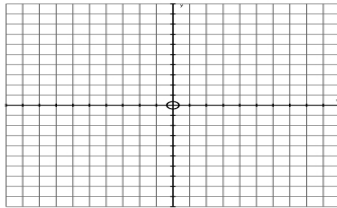
Graph the following.

$$y - 3 = |x + 2|$$

Trans \_\_\_\_\_

Vertex \_\_\_\_\_

(x, y) \_\_\_\_\_

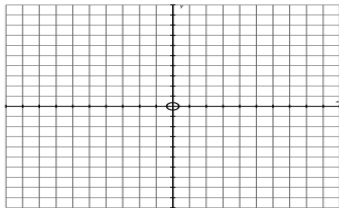


$$2y = |x - 3|$$

Trans \_\_\_\_\_

Vertex \_\_\_\_\_

(x, y) \_\_\_\_\_

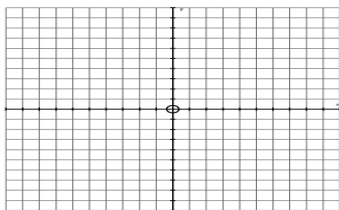


$$-\frac{1}{4}(y + 2) = |x - 1|$$

Trans \_\_\_\_\_

Vertex \_\_\_\_\_

(x, y) \_\_\_\_\_

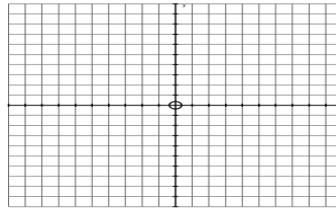


$$-(y + 2) = |x - 4|$$

Trans \_\_\_\_\_

Vertex \_\_\_\_\_

(x, y) \_\_\_\_\_

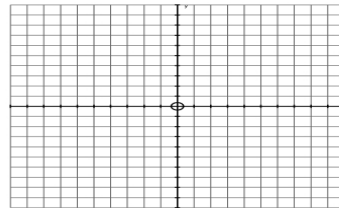


$$\frac{1}{2}y = |x + 2|$$

Trans \_\_\_\_\_

Vertex \_\_\_\_\_

(x, y) \_\_\_\_\_



$$y + 4 = |x - 3|$$

Trans \_\_\_\_\_

Vertex \_\_\_\_\_

(x, y) \_\_\_\_\_

