FST 3-2 Extra Practice

1. Graph without a calculator:

$y = \sqrt{x} + 2$

Square root

Start: $(0, 2)$
Up 2

$y = (x - 4)^2 + 1$

R4   T1

Vertex: $(4, 1)$

Parabola (Quadratic)

$y = |x + 3| - 4$

↓   ↓
L3   d4

Vertex: $(-3, -4)$

Absolute Value V