REWRITING QUADRATICS IN VERTEX FORM – COMPLETING THE SQUARE

Connect the Dots Riddle

Directions: Rewrite the q
Draw a line from the dot next to the problem to the answer
any letters you pass through on the appropriate line below to answer the riddle.

What do

1. $f(x) = x^2 + 6x + 5$ •
2. $f(x) = x^2 - 8x + 20$ •
3. $f(x) = x^2 - 2x + 4$ •
4. $f(x) = x^2 + 10x + 17$ •
5. $f(x) = x^2 + 4x - 1$ •
6. $f(x) = x^2 - 20x + 82$ •

• $f(x) = (x + 3)^2 - 4$
• $f(x) = (x$
• $f(x)$
• $f(x)$
• $f(x) = (x - 1)^2 - 11$

T M P A C L R M Q I N F