

MATCH THE EQUATION TO ITS DESCRIPTION. / V W R N.

E1 $f(x) = x^2 + 2$	E2 $f(x) = (x - 1)^2$	E3 $f(x) = -x^2 + 1$	E4 $f(x) = \frac{1}{2}x^2 - 2$
E5 $f(x) = x + 1 $	E6 $f(x) = \left 2\left(x - \frac{1}{2}\right)\right $	E7 $f(x) = \frac{1}{2} x + 1 $	E8 $f(x) = -2 x + 2 - 1$
E9 $f(x) = -\sqrt{x + 1}$	E10 $f(x) = \sqrt{-(x + 1)} + 2$	E11 $f(x) = 2\sqrt{x + 2}$	E12 $f(x) = -\sqrt{2\left(x - \frac{1}{2}\right)} + 2$
E13 $f(x) = -x^3 + 2$	E14 $f(x) = (x + 2)^3 - 1$	E15 $f(x) = -(x + 2)^3 - 1$	E16 $f(x) = (-(x + 1))^3$

D1 • Reflection across y-axis • Horizontal Shift: Left 1	D2 • Vertical Stretch: 2 • Horizontal Shift: Left 2	D3 • Horizontal Shift: Right 1	D4 • Vertical Shift: Up 2
D5 • Reflection across x-axis • Horizontal Shrink: $1/2$ • Horizontal Shift: Right $1/2$ • Vertical Shift: Up 2	D6 • Horizontal Shift: Left 2 • Vertical Shift: Down 1	D7 • Reflection across x-axis • Vertical Shift: Up 1	D8 • Reflection across x-axis • Horizontal Shift: Left 1
D9 • Vertical Shrink: $\frac{1}{2}$ • Vertical Shift: Down 2	D10 • Reflection across y-axis • Horizontal Shift: Left 1 • Vertical Shift: Up 2	D11 • Horizontal Shrink: $1/2$ • Horizontal Shift: Right $1/2$	D12 • Vertical Shrink: $\frac{1}{2}$ • Horizontal Shift: Left 1
D13 • Reflection across x-axis • Horizontal Shift: Left 2 • Vertical Shift: Down 1	D14 • Horizontal Shift: Left 1	D15 • Reflection across x-axis • Vertical Shift: Up 2	D16 • Reflection across x-axis • Vertical Stretch: 2 • Horizontal Shift: Left 2 • Vertical Shift: Down 1

MATCH EACH EQUATION WITH ITS DESCRIPTION. PUT MATCHES IN UPPER BOXES, LIKE

NAME:

Hour:

E1
D9
← (NOT CORRECT)