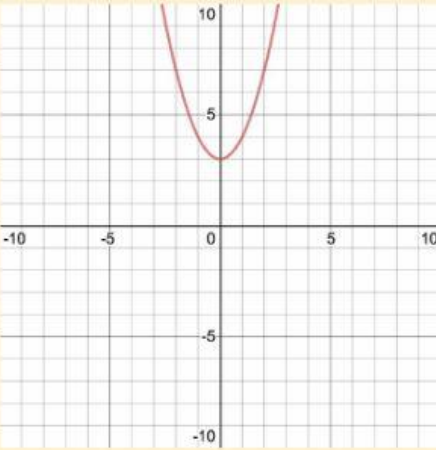
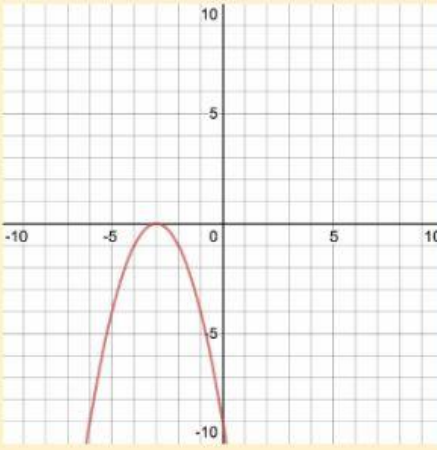
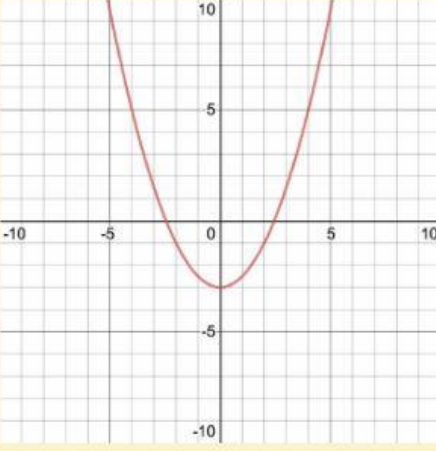


Match the Transformations Interactive Worksheet

Match the correct **purple equation** and the correct **blue description of transformations** with each **yellow graph**.

G1: 	E1: $f(x) = \frac{1}{2}x^2 - 3$ E2: $f(x) = (2x - 3)^2$ E3: $f(x) = x^2 + 3$ E4: $f(x) = -(x + 3)^2$	G2: 
G3: 	T1: • Reflect in x-axis • Translate left 3 units T2: • Vertically compress by $\frac{1}{2}$ units • Translate down 3 units T3: • Translate up 3 units T4: • Horizontally compress by $\frac{1}{2}$ units • Translate right $\frac{3}{2}$ units	G4: 