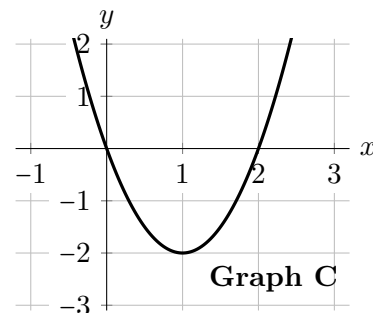
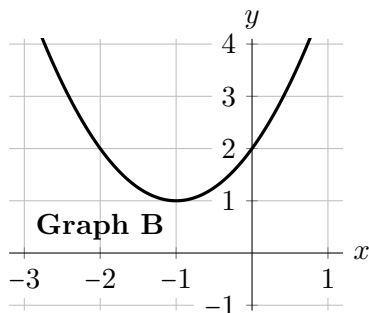
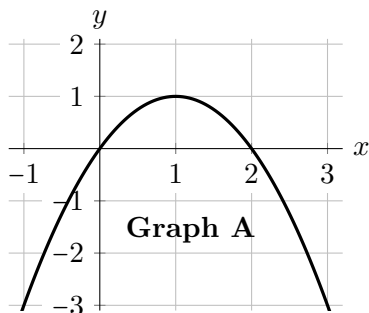


3. [6 points] For each of the following equations, bubble in the letter of the corresponding graph or bubble in **D** if it does not correspond to any of the shown graphs. Use pencil in case you need to change your answer. A graph may appear as an answer multiple times.

GRAPHS A, B, C:



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

☐

A

☐

B

☐

C

☐

D (None)

(ii) $y = x(x - 2)$

☐

A

☐

B

☐

C

☐

D (None)

(iii) $y = (x + 1)^2 + 1$

☐

A

☐

B

☐

C

☐

D (None)

(iv) $y = 2(x - 1)^2 - 2$

☐

A

☐

B

☐

C

☐

D (None)

(v) $y = x(x + 2) + 2$

☐

A

☐

B

☐

C

☐

D (None)

(vi) $y = 2x(x - 2)$

☐

A

☐

B

☐

C

☐

D (None)