

At the gym, Diana always spends 12 more minutes running than lifting weights.

Part A

Which equations describe the relationship between the number of minutes Diana runs, r , and the number of

minutes she lifts weights, w . Select all that apply.

- A. $12 + w = r$
- B. $r = w - 12$
- C. $w = 12 + r$
- D. $r - 12 = w$
- E. $r + w = 12$

Part B

If Diana spends 25 minutes running at the gym, how many minutes does she spend lifting weights?