

הזזות ומתיחות

(שאלות מתוך מתמטיקה משולבת/מכון ויצמן)

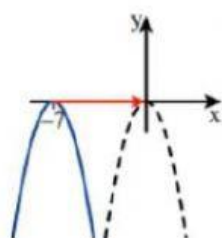
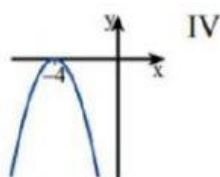
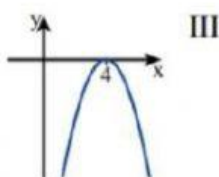
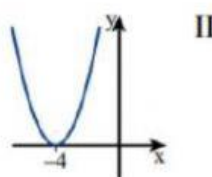
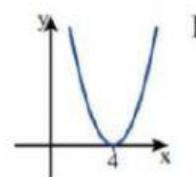
מתחן קו בין הייצוג האלגברי לסקיצה המתאימה

א. $y = (x - 4)^2$

ב. $y = -(x - 4)^2$

ג. $y = (x + 4)^2$

ד. $y = -(x + 4)^2$



יפעת הזיזה את הפרבולה $y = -x^2$ 7 יחידות שמאלה על ציר x.
בחרו את הייצוג האלגברי של הפרבולה המוזזת.

א. $y = (x + 7)^2$

ב. $y = -(x + 7)^2$

ג. $y = -x^2 + 7$

ד. $y = -x^2 - 7$

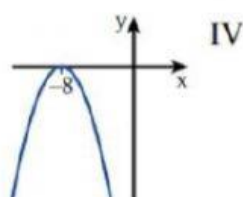
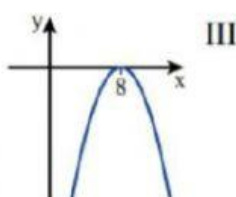
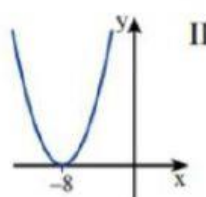
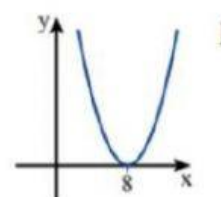
מתחן קו בין הייצוג האלגברי לסקיצה המתאימה

א. $y = (x + 8)^2$

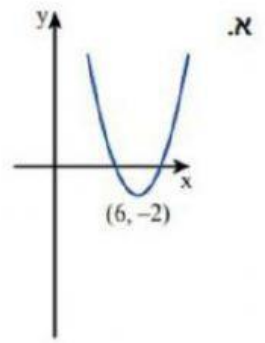
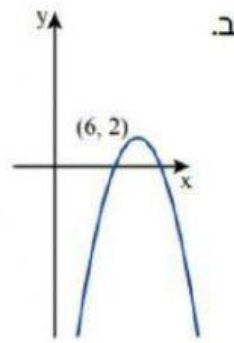
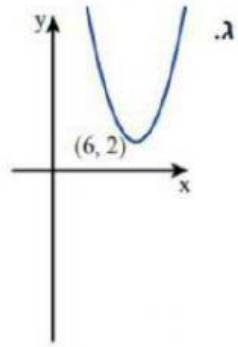
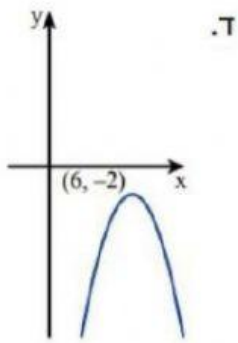
ב. $y = (x - 8)^2$

ג. $y = -(x + 8)^2$

ד. $y = -(x - 8)^2$



בחרו את הייצוג האלגברי המתאים



$$y = (x - 6)^2 + 2$$



$$y = (x - 6)^2 - 2$$

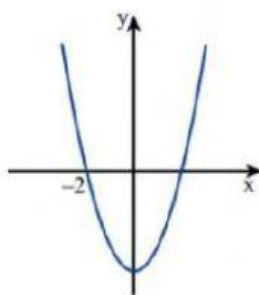


$$y = -(x - 6)^2 + 2$$

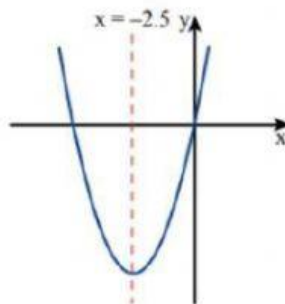


$$y = -(x - 6)^2 - 2$$

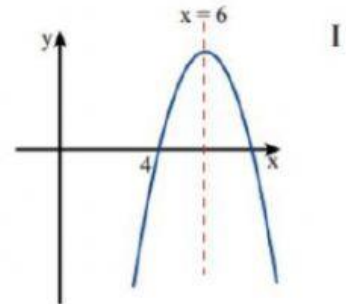
מצאו את נקודת האפס החסרה בכל פרבולה



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