

Chapter 2 Cumulative Review

CP Alg. 2

Multiple Choice

For Exercises 1–6, choose the correct letter.

1. Which phrase could not describe $-\sqrt{196}$?

- A rational number C integer
 B whole number D none of the above

2. Which point could not be part of a function that includes $(3, -1)$, $(4, 2)$, $(5, 4)$, $(-2, 0)$, and $(8, -3)$?

- F $(6, -7)$ G $(3, -2)$ H $(7, 4)$ I $(2, 2)$

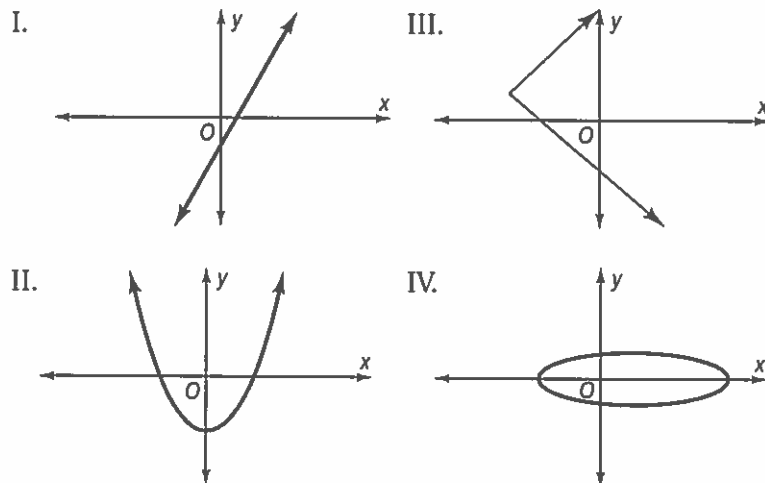
3. Which value is in the solution set of $-5 < x < 3$ and $3 > x > 1$?

- A 3 B 1 C 2 D 24

4. Which equations have graphs that are perpendicular?

- I. $y = -3x + 2$ II. $y = x - 5$ III. $y = 3x + 1$ IV. $y = 4 + \frac{1}{3}x$
 F I and III G II and IV H II and III I I and IV

5. Which relations are functions?



- A I and IV B II and III C I and II D III and IV

6. Which line is parallel to $y = -\frac{1}{2}x + 3$?

- F $y = 4 + 2x$ G $y = -2x + 5$ H $y = 3 - \frac{1}{2}x$ I $y = x + 2$