

Finding the Number of Intersections

- 1 Draw 7 lines so that 3 are horizontal and the rest are vertical. How many intersections are there?

_____ intersections

- 2 Draw 4 vertical lines. Then draw horizontal lines so that there are 20 intersections. How many horizontal lines are there?

_____ horizontal lines

- 3 Draw 10 lines so there are as few intersections as possible. How many intersections are there?

_____ intersections

- 4 Draw 10 lines so there are as many intersections as possible. How many intersections are there?

_____ intersections

- 5 Draw 6 lines so that 2 are horizontal and the rest are vertical. How many intersections are there?

_____ intersections

- 6 Draw 2 horizontal lines. Then draw vertical lines so there are 3 more vertical lines than horizontal lines. How many intersections are there?

_____ intersections



Test Prep

- 7 Which of the following is correct?

A. $18 + 7 > 6$, $12 - 9 > 2$

B. $18 + 7 > 6$, $12 - 9 < 2$

C. $18 + 7 = 6$, $12 - 9 = 2$

D. $18 + 7 < 6$, $12 - 9 > 2$