MCQ

1) Which of the following line cuts the y-axis at y = –7 and slope is 3?

   a) 3x – y = 7   b) x + 3y = –7   c) 3x – y = –7   d) x – 3y = 7

2) The slope of a line p is 5 and is perpendicular to the line q. Identify the equation of the line q that passes through the point (–7, 3).

   a) x + 5y = –8   d) 5x – y = –8

3) Identify the equa   -intercept as 7 and 4.

   a) 4x + 7y = 28   d) –4x + 7y = 28

4) Which of the follo   4) and (5, –2)?

   a) –x – y = 3   d) x – y = –3

5) Identify the equa   = 6 and passes
   through the poin

   a) 2x + y = 4   d) 2x + y = 5

6) The slope of a lin   ses through the point (3, 7). Which of the following represents the equation of the line n?

   a) 5x + y = –8   b) 5x – y = 8   c) 5x + y = 8   d) 5x – y = –8

7) Which of the following line passes through the point (–6, 3) has the slope 9?

   a) 9x – y = –57   b) –9x – y = 57   c) x + 9y = 57   d) x + 9y = –57