MCQ   Sheet 3

1) Which of the following line passes through the point (4, –7) and has the slope $\frac{1}{9}$?

   a) $x - 9y = 67$ b) $9x + y = 72$ c) $x + 9y = 72$ d) $9x - y = 67$

2) Identify the equation of the line that passes through the points (9, –1) and (–7, 5).

   a) $8x - 3y = 20$ d) $8x - 3y = 19$

3) Which of the foll   slope 6?

   a) $8x - y = 2$ d) $6x - y = -4$

4) The line l has the   es through the point
   (4, 9). Which of th

   a) $6x - y = 27$ d) $x - 6y = 27$

5) Identify the equa   d the y-intercept 2.

   a) $4x + y = 8$ d) $4x + y = 16$

6) Identify the equa $10x - y = 8$ and
   passes through the point (–5, 5).

   a) $10x - 4y = 55$ b) $x + 10y = -5$ c) $x + 10y = 45$ d) $x - 4y = 5$

7) Which of the following equations represents the line parallel to $-3x - y = 2$ and
   passes through the point (–6, –4)?

   a) $3x + y = -14$ b) $6x - y = 3$ c) $x - y = 6$ d) $3x + y = -22$