The distance of the point P (1, -3) from the line 2y - 3x = 4 is Example

(B)
$$\frac{7}{13}\sqrt{13}$$
 (C) $\sqrt{13}$ (D) None of these

(C)
$$\sqrt{13}$$

Solution (A) is the correct answer. The distance of the point P(1, -3) from the line 2y - 3x - 4 = 0 is the length of perpendicular from the point to the line which is given by

$$\left| \frac{2(-3) - 3 - 4}{\sqrt{13}} \right| = \sqrt{13}$$