

$$1) A(-2, 5) \quad B(4, -5)$$

$$2) A(0, 4) \quad B(9, -2)$$

$$3) A\left(2, \frac{5}{3}\right) \quad B\left(-3, -\frac{3}{2}\right)$$

Ecuación de la recta

$$d(A, B) = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

$$A(x_1, y_1) \quad B(x_2, y_2)$$

$$A(-2, 5)$$

$$B(4, -5)$$

$$AB = \sqrt{(4 - (-2))^2 + ((-5) - 5)^2}$$

$$AB = \sqrt{(4 + 2)^2 + (-10)^2}$$

$$AB = \sqrt{(6)^2 + 100}$$

$$AB = \sqrt{36 + 100}$$

$$AB = \sqrt{136} = \underline{\underline{11.6}}$$

