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# $\mathbf{Quiz} \ \mathbf{0}$

#### Problem 1

Find the equation of a line that passes through the points  $P_1(-6, -3)$  and  $P_2(2, 4)$ .

#### Problem 2

Find the equation of a line that passes through the point  $P_1(-6, -3)$  and has a slope 2.

#### Problem 3

Find the slope and the y-intercept of the equation of a line:

$$x + 3y = 0.$$

### Problem 4

Solve for x:

$$4 = e^x$$
.

## **Solutions**