Practice quiz on the Cartesian Plane

TOTAL POINTS 5

Practice quiz on Types of Functions

TOTAL POINTS 6

✓ **Congratulations! You passed!**

TO PASS 75% or higher

Keep Learning

GRADE
92.3%

Graded quiz on Cartesian Plane and Types of Function

LATEST SUBMISSION GRADE

92.3%

6. Find the point-slope form of the equation of the line with slope -2 that goes through the point $(5, 4)$.

○ $y - 4 = -2(x - 5)$

○ $y - 4 = 2(x - 5)$

○ $(5, 4)$

◉ $y - 5 = -2(x - 4)$

! **Incorrect**

Remember that the point-slope form for the equation of a line with slope m that goes through the point (x_0, y_0) is $y - y_0 = m(x - x_0)$.

In this case, the slope $m = -2$ is given and used correctly in this answer.

However, this answer uses the point $(4, 5)$ which is not on the line.