Calculus AB

Slope Fields

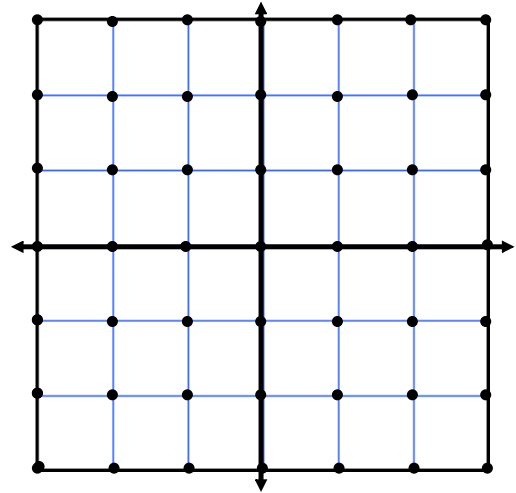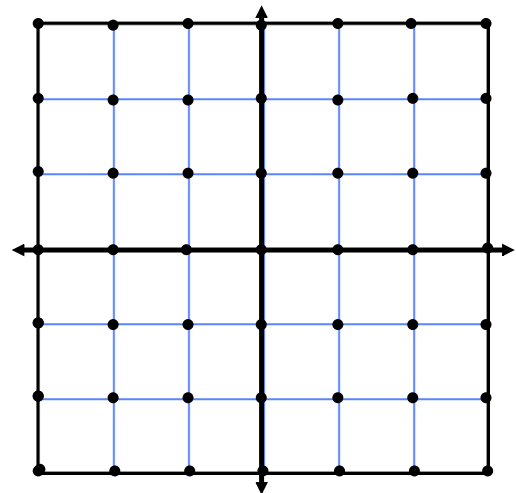
Draw the slope field for the following differential. Then draw the graph of the solution through the given point. Then solve the differential equation for the given point.

1) $dy = x^3 \, dx$ (0, -2)

2) $dy = \dfrac{x}{y+1} \, dx$

        a) (-1, 0)
        b) (0, 1)
        c) (2, -2)

<u>Assignment</u>
Worksheet:
Slopefields
1 - 4.

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