

Name: _____

Signature: _____

Show all work clearly and in order, and box your final answers. Justify your answers whenever possible. You have 20 minutes to take this 10 point quiz.

1. 10 points Match the function with its slope field. Write the number directly on the graph.

1. $\frac{dy}{dx} = 3 \sin y$
2. $\frac{dy}{dx} = 3 \sin x$
3. $\frac{dy}{dx} = 3x \sin y$
4. $\frac{dy}{dx} = 3 \sin(x + y)$

