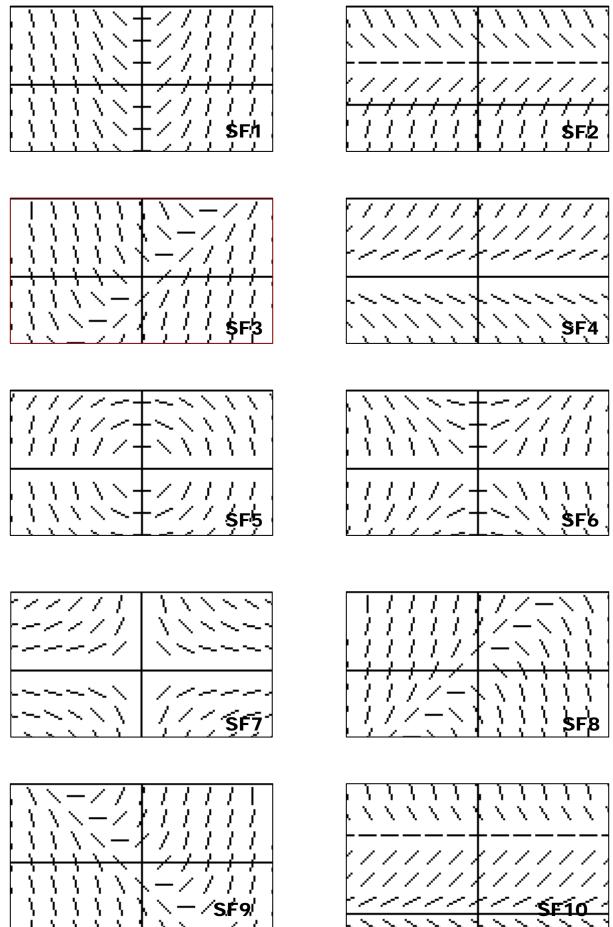
Slope Field Card Match

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Students will work in groups of two or three to match the three types of cards: slope field cards, differential equation cards, and conclusion cards. Each group will receive one set of cards and an answer sheet to record their answers. On the slope fields, each tick mark is one unit.

Slope Fields	Differential Equations	Conclusions
SF 1		
SF 2		
SF 3		
SF 4		
SF 5		
SF 6		
SF 7		
SF 8		
SF 9		
SF 10		



$$\frac{dy}{dx} = x - y$$

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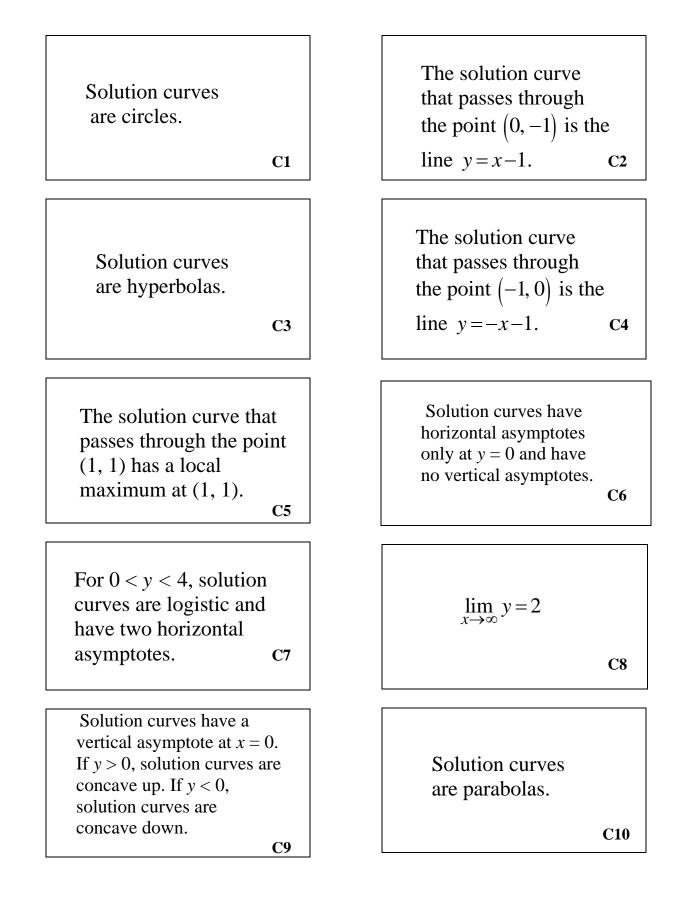
$$\frac{dy}{dx} = \frac{x}{y}$$

$$\frac{dy}{dx} = y - x$$

$$\frac{dy}{dx} = -\frac{x}{y}$$

$$\frac{dy}{dx} = -\frac{y}{x}$$

$$\frac{dy}{d$$



Slope Field Card Match Solutions

Slope Fields	Differential Equations	Conclusions
SF 1	5	10
SF 2	9	8
SF 3	1	2
SF 4	7	6
SF 5	4	1
SF 6	2	3
SF 7	6	9 (or 3)
SF 8	3	5
SF 9	10	4
SF 10	8	7