

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

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

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

$$\frac{dy}{dx} = 2 - y$$

$$\frac{dy}{dx} = 2 - y$$

$$\frac{dy}{dx} = 2 - y$$

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

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

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

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

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

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

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

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

The solution curves
are parabolas.The solution curves
are hyperbolas.
$$\lim_{x \to \infty} y = 2$$
C3 $\lim_{x \to \infty} y = 2$ If $y > 0$ and $x \neq 0$, the
solution curve is
concave up. If $y < 0$
and $x \neq 0$, the solution
curve is concave down.
C9The solution curve
that passes through
the point $(0, -1)$ is the
line $y = x - 1$.The solution curve that
passes through the point
 $(1, 1)$ has a local
maximum at $(1, 1)$.
C5The solution curves
have a horizontal
asymptote only
at $y = 0$.
C6The solution curve
that passes through
the point $(-1, 0)$ is the
line $y = -x - 1$.
C4The solution curves
are circles.C6

SLOPE FIELD CARD MATCH

| 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 | | |

| 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 |
| SF 8 | 3 | 5 |
| SF 9 | 10 | 4 |
| SF 10 | 8 | 7 |

SLOPE FIELD CARD MATCH SOLUTIONS

Slope Field Card Match created by:

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