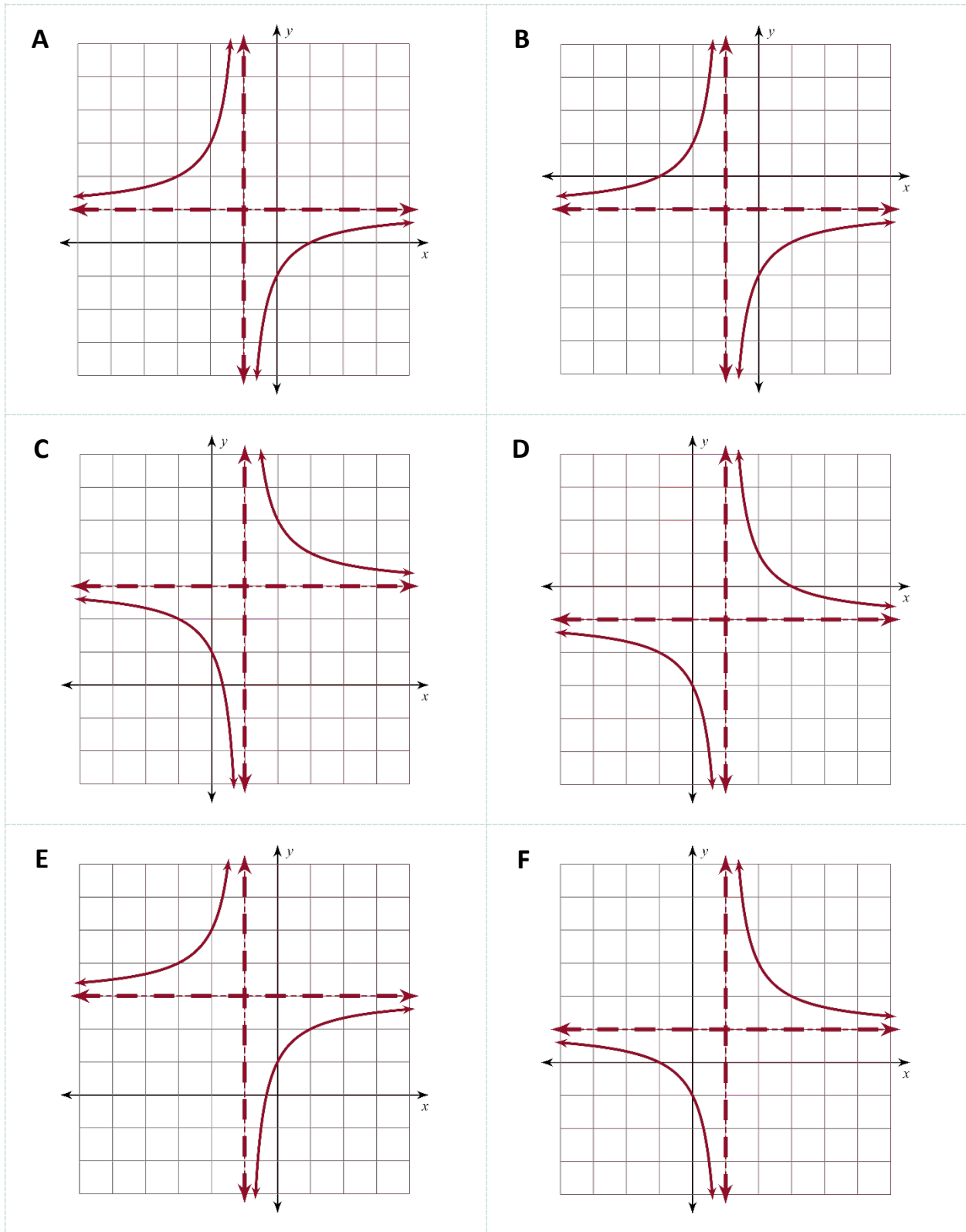


CARD MATCHING – GRAPH



CARD MATCHING – DOMAIN/RANGE

<p>1</p> <p>Domain $\{x \mid x \in \mathbb{R}, x \neq -1\}$</p> <p>Range $\{y \mid y \in \mathbb{R}, y \neq 3\}$</p>	<p>2</p> <p>Domain $\{x \mid x \in \mathbb{R}, x \neq -1\}$</p> <p>Range $\{y \mid y \in \mathbb{R}, y \neq 1\}$</p>
<p>3</p> <p>Domain $\{x \mid x \in \mathbb{R}, x \neq 1\}$</p> <p>Range $\{y \mid y \in \mathbb{R}, y \neq 1\}$</p>	<p>4</p> <p>Domain $\{x \mid x \in \mathbb{R}, x \neq -1\}$</p> <p>Range $\{y \mid y \in \mathbb{R}, y \neq -1\}$</p>
<p>5</p> <p>Domain $\{x \mid x \in \mathbb{R}, x \neq 1\}$</p> <p>Range $\{y \mid y \in \mathbb{R}, y \neq -1\}$</p>	<p>6</p> <p>Domain $\{x \mid x \in \mathbb{R}, x \neq 1\}$</p> <p>Range $\{y \mid y \in \mathbb{R}, y \neq 3\}$</p>

CARD MATCHING – ASYMPTOTES

G

Vertical Asymptote

$$x = 1$$

Horizontal Asymptote

$$y = 1$$

H

Vertical Asymptote

$$x = -1$$

Horizontal Asymptote

$$y = 3$$

J

Vertical Asymptote

$$x = -1$$

Horizontal Asymptote

$$y = -1$$

K

Vertical Asymptote

$$x = 1$$

Horizontal Asymptote

$$y = 3$$

L

Vertical Asymptote

$$x = -1$$

Horizontal Asymptote

$$y = 1$$

M

Vertical Asymptote

$$x = 1$$

Horizontal Asymptote

$$y = -1$$

CARD MATCHING – EQUATION

7

$$y = \frac{2x - 2}{2x + 2}$$

8

$$y = \frac{2x + 2}{2x - 2}$$

9

$$y = \frac{2x - 2}{2x + 2} - 2$$

10

$$y = \frac{2x + 2}{2x - 2} - 2$$

11

$$y = \frac{2x - 2}{2x + 2} + 2$$

12

$$y = \frac{2x + 2}{2x - 2} + 2$$

CARD MATCHING – TABLE

<p>N</p> <table border="1"> <thead> <tr> <th>x</th> <th>y</th> </tr> </thead> <tbody> <tr> <td>-2</td> <td>$\frac{1}{3}$</td> </tr> <tr> <td>-1</td> <td>0</td> </tr> <tr> <td>0</td> <td>-1</td> </tr> <tr> <td>1</td> <td><i>DNE</i></td> </tr> <tr> <td>2</td> <td>3</td> </tr> <tr> <td>3</td> <td>2</td> </tr> <tr> <td>4</td> <td>$\frac{5}{3}$</td> </tr> </tbody> </table>	x	y	-2	$\frac{1}{3}$	-1	0	0	-1	1	<i>DNE</i>	2	3	3	2	4	$\frac{5}{3}$	<p>P</p> <table border="1"> <thead> <tr> <th>x</th> <th>y</th> </tr> </thead> <tbody> <tr> <td>-4</td> <td>$\frac{5}{3}$</td> </tr> <tr> <td>-3</td> <td>2</td> </tr> <tr> <td>-2</td> <td>3</td> </tr> <tr> <td>-1</td> <td><i>DNE</i></td> </tr> <tr> <td>0</td> <td>-1</td> </tr> <tr> <td>1</td> <td>0</td> </tr> <tr> <td>2</td> <td>$\frac{1}{3}$</td> </tr> </tbody> </table>	x	y	-4	$\frac{5}{3}$	-3	2	-2	3	-1	<i>DNE</i>	0	-1	1	0	2	$\frac{1}{3}$
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CARD MATCHING – INTERCEPTS

13

x-Intercept

$$\left(\frac{1}{3}, 0\right)$$

y-Intercept

$$(0, 1)$$

14

x-Intercept

$$(3, 0)$$

y-Intercept

$$(0, -3)$$

15

x-Intercept

$$(1, 0)$$

y-Intercept

$$(0, -1)$$

16

x-Intercept

$$(-1, 0)$$

y-Intercept

$$(0, -1)$$

17

x-Intercept

$$(-3, 0)$$

y-Intercept

$$(0, -3)$$

18

x-Intercept

$$\left(-\frac{1}{3}, 0\right)$$

y-Intercept

$$(0, 1)$$