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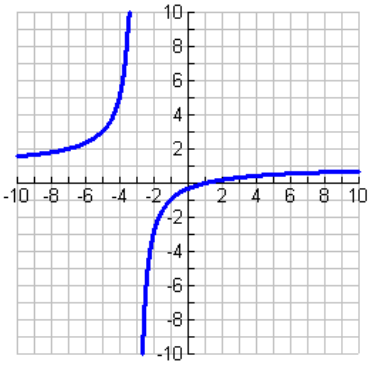
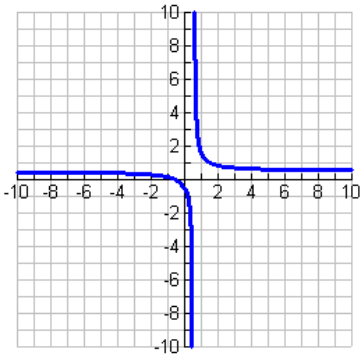
Match the graph with its function. What are the asymptotes? What are the x-intercepts?

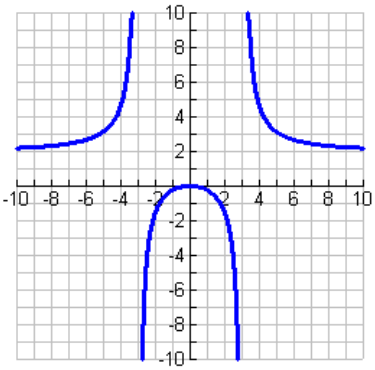
A.)



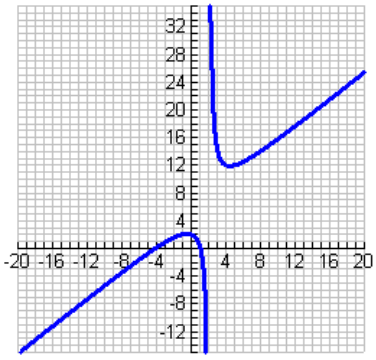
B.)



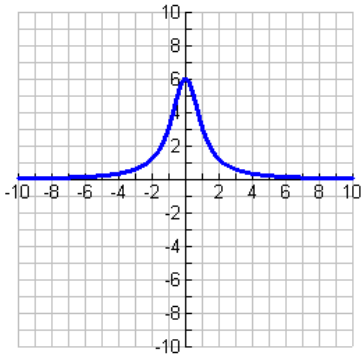
C.)



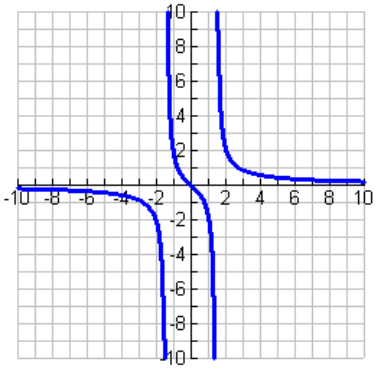
D.)



E.)



F.)



1. $y = \dfrac{2x+1}{4x-2}$

2. $y = \dfrac{6}{x^2+1}$

3. $y = \dfrac{x-1}{x+3}$

4. $y = \dfrac{2x}{x^2-1}$

5. $y = \dfrac{2x^2}{x^2-9}$

6. $y = \dfrac{x^2+3x-4}{x-2}$

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7.	Solve: $\frac{5}{x+6}=\frac{4}{2x}$
8.	Solve: $\frac{9}{x+1}=\frac{6}{x-1}$
9.	Solve: $\frac{9}{x^2-6x+9}=\frac{3x}{x^2-3x}$
10.	Solve: $\frac{4(x-4)}{x^2+2x-8}=\frac{4}{x+4}$
11.	Solve: $\frac{1}{x-2}+2=\frac{3x}{x+2}$
12.	Solve: $\frac{x}{x^2-2}=\frac{-1}{x}$
13.	Solve: $\frac{2}{3x}+\frac{1}{6}=\frac{4}{3x}$
14.	Solve: $\frac{2}{x-3}+\frac{1}{x}=\frac{x-1}{x-3}$

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Short Review 2 - Chapter 8 Answers

1. B	2. E	3. A
4. F	5. C	6. D
7. $x = 4$	8. $x = 5$	9. $x = 6$
10. No Solution	11. $x = 1, x = 6$	12. $x = \pm 1$
13. $x = 4$	14. $x = 1$	