**Chapter 7 Homework**

7.1

Required Questions: YT p. 360, YT p. 361 (Example 3), YT p. 362

Suggested Questions: p. 363 #2, 5ab, 6, 8, 11, 12

7.2

Required Questions: YT p. 372, YT p. 374

Suggested Questions: p. 375 #2-4, 6ace, 8bde, 9b, 10c, 22

7.3

Required Questions:

p. 389 # 5bc, p. 390 # 11 b, p. 389 #6 bd, YT p. 385 (ex 3), YT p. 385 (ex 4)

Suggested Questions: p. 389 # 5d, 6ac, 10, 15, 23

7.4

Required Questions: YT p. 398, YT p. 401, Reciprocal Graphing Page

Suggested Questions: p. 403 # 3bd, 5bc, 7b, 8b, 14, 15

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| p. 360 | | | |
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| p. 361 | | | |
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| p. 362 | | | |
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| p. 372 |
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| p. 374 |
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| p. 385 – show an algebraic solution |
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| p. 385 – show an algebraic solution |
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| p. 389 #5 |
| b) Solve and verify using an algebraic method |
| c) Solve using an algebraic method. Verify both algebraically and graphically. |

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| p. 389 #6b – solve and verify using an algebraic method |
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| p. 389 #6d – solve using an algebraic method. Verify graphically. |
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| p. 390 #11b |
| b) Write and solve an absolute value equation. |

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| p. 398 |
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| 1. Non-permissible values: Equation of Asymptote: |
| 1. Identify f(x) and its reciprocal using colors.     Explanation: |

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| p. 401 | |
|  | 1. Non-permissible values:   Equation(s) of Vertical Asymptote(s) |
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| Reciprocal Graphing – graph the reciprocal of each function. | |
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