

The deadline for all homework assignments is the one specified in Archie before 11:59 pm. As discussed in class, It must be correctly uploaded in order to be graded. Show all your work and justifications.

For Exercises 73–92, graph the function. (See Examples 7–9)

$$73. n(x) = \frac{-3}{2x + 7}$$

$$74. m(x) = \frac{-4}{2x - 5}$$

$$77. r(x) = \frac{5x}{x^2 - x - 6}$$

$$78. t(x) = \frac{4x}{x^2 - 2x - 3}$$

$$81. g(x) = \frac{3x^2 - 5x - 2}{x^2 + 1}$$

$$82. c(x) = \frac{2x^2 - 5x - 3}{x^2 + 1}$$

$$85. f(x) = \frac{x^2 + 7x + 10}{x + 3}$$

$$86. d(x) = \frac{x^2 - x - 12}{x - 2}$$

$$89. f(x) = \frac{x^3 + x^2 - 4x - 4}{x^2 + 3x}$$

$$90. g(x) = \frac{x^3 + 3x^2 - x - 3}{x^2 - 2x}$$

$$75. p(x) = \frac{6}{x^2 - 9}$$

$$79. k(x) = \frac{5x - 3}{2x - 7}$$

$$83. n(x) = \frac{x^2 + 2x + 1}{x}$$

$$87. w(x) = \frac{-4x^2}{x^2 + 4}$$

$$91. v(x) = \frac{2x^4}{x^2 + 9}$$

$$76. q(x) = \frac{4}{x^2 - 16}$$

$$80. h(x) = \frac{4x + 3}{3x - 5}$$

$$84. m(x) = \frac{x^2 - 4x + 4}{x}$$

$$88. u(x) = \frac{-3x^2}{x^2 + 1}$$

$$92. g(x) = \frac{4x^4}{x^2 + 8}$$