

Section 5.1-5.3 Practice

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(20)  $d = 127 \text{ mg}$

(21)  $\text{Cal} = 88 \text{ cal}$

(22)  $N = 1500$

(23)  $m = 0.2 \text{ kg}$

(28) Inverse

(29) neither

(30) Direct

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(36)  $\frac{x^4}{3(3x-4)}$

(37)  $\frac{4x-3}{2x-1}$

(38)  $\frac{2}{x(5x+7)}$

(39)  $2x^2y^2$

(40)  $\frac{28x^4y}{5}$

(41)  $\frac{3}{x+1}$

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(22)  $\frac{14x^2-7x+2}{(x+2)(4x-1)}$

$x \neq -2, x \neq \frac{1}{4}$

(23)  $\frac{7(2x-3)}{3(x-2)}$

$x \neq 2$

(24)  $\frac{33x+5}{4x(x+1)}$

$x \neq -1, x \neq 0$

(25)  $\frac{-(2x+3)(x-2)}{(x-3)(x+3)}$

$x \neq -3, x \neq 3$

(26)  $\frac{-(2x^2+11x+3)}{(2x+3)(2x-3)}$

$x \neq \frac{3}{2}, x \neq -\frac{3}{2}$

(27)  $\frac{1}{x-2}$

$x \neq 2, x \neq 4$