Linear algebra and Probability   Spring 2019

Solutions for basic computation skills exercises

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

(2) $x^3 + 2x^2$

(3) $\dfrac{x^4 + 2x^3}{x - 4}$

(4) $\dfrac{x^4 + 2x^3}{x - 4}$

(5) $\dfrac{1}{x^2}$

(6) $\dfrac{1}{x}$

(7) x

(8) x

(9) x^5

(10) x^{-4}

(11) $\dfrac{1}{x}$

(12) $(n+1)x$

(13) $\dfrac{x}{n+1}$

(14) 2^{3x}

(15) $\dfrac{n+1}{2^x}$

(16) 1

(17) -1

(18) x^n

(19) $(1-x)^n$

(20) $\sqrt{x}$