

ALG20
Ch 7
Study Guide

Answer Key
Sec 7.4 $\rightarrow$ 7.6

① 20

② 7

③ 16

④ 4

⑤ $\frac{a^4}{9}$

⑥ $\frac{a^2}{4}$

⑦ $4\sqrt[3]{x^2}$

⑧ $9\sqrt{x^3}$

⑨ $x = -5$

⑩ $x = 92$

⑪ $x = 24$
 $x = -30$

⑫ $x = 42$
 $x = -22$

⑬ $x = \frac{12}{17}$

⑭ $x = \frac{-16}{7}$

⑮ $x + 9$

⑯ $-8x - 11$

⑰ $24x^2 + 22x - 35$
 $D(-\infty, \infty)$

⑱ $-28x^2 + 26x - 6$
 $D(-\infty, \infty)$

⑲ 53

⑳ -37