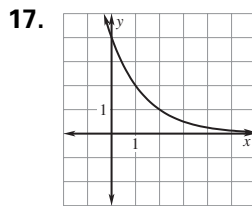


Answer Key

Chapter 7 Review and Assessment

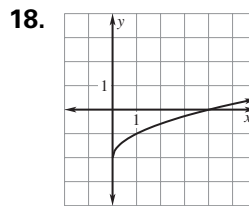
Test C

1. -5 2. 9 3. 3 4. 6 5. $3^{5/6}$
 6. $2xy\sqrt[4]{2x}$ 7. $\frac{9x^4}{4y^8}$ 8. $4\sqrt[3]{2}$
 9. $2x$; Domain: all real numbers
 10. -2 ; Domain: all real numbers
 11. $x^2 - 1$; Domain: all real numbers
 12. $\frac{x-1}{x+1}$; Domain: all real numbers except -1
 13. x ; Domain: all real numbers
 14. $f(x) = \frac{1}{2}x + 2$ 15. $f(x) = \sqrt{x-5}; x \geq 5$
 16. $f(x) = x^3 + 7$

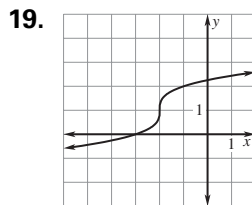


Domain: all real numbers

Range: $y > 0$



Domain: $x \geq 0$
Range: $y \geq -2$



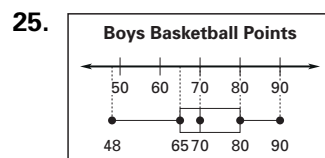
Domain: all real numbers
Range: all real numbers

20. 2, 3 21. none 22. 25

23.

	<i>Boys</i>	<i>Girls</i>
mean	70.1	65.3
median	70	65
mode	70	65
range	42	23
standard deviation	12.3	7.2

24. girls team



Answer Key

Chapter 7 Review and Assessment

26.

<i>Interval</i>	<i>Tally</i>	<i>Frequency</i>
55-59		2
60-64		2
65-69		3
70-74		2
75-79		1

