

PACKET FOR PRECALCULUS STUDENTS

Summer, 2017

Congratulations. You've made it to Precalculus!

INSTRUCTIONS:

This packet contains 100 questions. Each has multiple choice answers.

You are ONLY REQUIRED TO SOLVE THE ODD NUMBERED PROBLEMS.

- 1) Print out the pages at the beginning of the packet which will be used to show your work.**
- 2) For each odd-numbered problem, copy the problem, neatly show work and select the correct answer.**
- 3) Your solutions will be due on the first day of class.**

PRECALCULUS SUMMER ASSIGNMENT

Name: _____

SHOW ALL WORK NEATLY ON THE SEPARATE ANSWER SHEET.

1)	9)
3)	11)
5)	13)
7)	15)

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17)	25)
19)	27)
21)	29)
23)	31)

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33)	41))
35)	43)
37)	45)
39)	47)

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49)	57)
51)	59)
53)	61)
55)	63)

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65)	73)
67)	75)
69)	77)
71)	79)

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81)	89)
83)	91)
85)	93)
87)	95)

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97)

99)

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Multiple Choice with Work Shown: On the separate answer sheet, show your work neatly and state the letter of the correct choice.

1. **Reduce the rational expression to lowest terms.**

$$\frac{2x^2 - 9x + 10}{3x^2 - 4x - 4}$$

a. $\frac{2x - 2}{3x + 2}$

b. $\frac{2x - 5}{3x + 2}$

c. $\frac{x - 4}{x + 3}$

d. $\frac{x + 5}{x - 2}$

2. **Reduce the rational expression to lowest terms.**

$$\frac{5x^2 + 15x^3}{12x + 36x^2}$$

a. $\frac{5}{12}$

b. $\frac{5x^2 + 15x^3}{12x + 36x^2}$

c. $\frac{5x}{12}$

d. $\frac{5 + 15x^3}{12x + 36}$

3. **Perform the indicated operations and simplify the result. Leave the answer in factored form.**

$$\frac{5x}{10x + 5} \cdot \frac{4x + 2}{3}$$

a. $\frac{2x}{3}$

b. $\frac{2x}{15}$

c. $\frac{x}{3}$

d. $\frac{2}{3}$

4. **Perform the indicated operations and simplify the result. Leave the answer in factored form.**

$$\frac{9x^4 - 72x}{3x^2 - 12} \cdot \frac{x^2 + x - 2}{4x^3 + 8x^2 + 16x}$$

a. $\frac{3(x - 1)}{4}$

b. $\frac{3x(x - 1)}{4}$

c. $\frac{3x(x - 1)(x - 2)^2}{4(x + 2)^2}$

d. $\frac{3x(x + 1)}{4}$

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5. **Perform the indicated operations and simplify the result. Leave the answer in factored form.**

$$\frac{\frac{9x - 9}{2}}{\frac{3x - 3}{22}}$$

a. $\frac{1}{33}$

c. $\frac{11(9x - 9)}{3x - 3}$

b. $\frac{27(x - 1)^2}{44}$

d. 33

6. **Perform the indicated operations and simplify the result. Leave the answer in factored form.**

$$\frac{\frac{x^2 - 14x + 49}{10x - 70}}{\frac{5x - 35}{50}}$$

a. 50

c. $\frac{x^2 - 14x + 49}{(x - 7)^2}$

b. 1

d. $\frac{(x - 7)^2}{100}$

7. **Perform the indicated operations and simplify the result. Leave the answer in factored form.**

$$\frac{7}{11x} - \frac{5}{11x}$$

a. $\frac{1}{11x}$

c. $\frac{2}{11x}$

b. $\frac{11}{2x}$

d. 1

8. **Perform the indicated operations and simplify the result. Leave the answer in factored form.**

$$\frac{6 - x}{x - 3} - \frac{2x + 1}{3 - x}$$

a. $\frac{x + 5}{x - 3}$

c. $-\frac{x + 5}{x - 3}$

b. $-\frac{x + 7}{x - 3}$

d. $\frac{x + 7}{x - 3}$

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9. Find the LCM of the given polynomials.

$$x^2 + 5x + 6, x^2 - 4x - 12$$

a. $(x + 3)(x + 2)(x - 6)$

b. $(x - 3)(x - 2)(x - 6)$

c. $(x + 2)(x - 6)$

d. $(x + 3)(x + 2)$

10. Find the LCM of the given polynomials.

$$x^2 - 4x, (x - 4)^2$$

a. $x(x - 4)^2$

b. $x(x + 4)^2$

c. $x(x - 4)$

d. $(x + 4)(x - 4)^2$

11. Perform the indicated operations and simplify the result. Leave the answer in factored form.

$$\frac{\frac{4}{x} + \frac{9}{x^2}}{\frac{16}{x^2} - \frac{81}{x}}$$

a. $\frac{4x^2 + 9}{16 - 81x}$

b. $\frac{1}{4 - 9x}$

c. $\frac{4x + 9}{16 - 81x}$

d. $\frac{1}{4x - 9}$

12. Solve the equation.

$$\frac{5}{3} - \frac{1}{5}x = \frac{11}{15}$$

a. $\left\{ -\frac{14}{3} \right\}$

b. $\left\{ -\frac{14}{5} \right\}$

c. $\left\{ \frac{14}{5} \right\}$

d. $\left\{ \frac{14}{3} \right\}$

13. Solve the equation.

$$(x + 2)(x - 1) = (x + 1)^2$$

a. $\left\{ -2 \right\}$

b. $\left\{ \frac{3}{2} \right\}$

c. $\left\{ -3 \right\}$

d. $\left\{ 3 \right\}$

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14. Solve the equation.

$$x(x^2 + 7) = 3 + x^3$$

a. $\left\{\frac{7}{3}\right\}$

b. $\langle 3 \rangle$

c. $\langle 7 \rangle$

d. $\left\{\frac{3}{7}\right\}$

15. Solve the equation.

$$\frac{-2}{x-6} = \frac{-3}{x+2}$$

a. $\{-22\}$

b. $\{3\}$

c. $\{22\}$

d. $\{-14\}$

16. Solve the equation by factoring.

$$x^2 - 4x - 32 = 0$$

a. $\{4, -8\}$

b. $\{-4, -8\}$

c. $\{4, 8\}$

d. $\{-4, 8\}$

17. Solve the equation by factoring.

$$12x^2 - 5x - 25 = 0$$

a. $\left\{\frac{5}{4}, \frac{5}{3}\right\}$

b. $\left\{-\frac{5}{4}, \frac{5}{3}\right\}$

c. $\left\{\frac{5}{4}, -\frac{5}{3}\right\}$

d. $\left\{-\frac{5}{4}, -\frac{5}{3}\right\}$

18. Solve the equation by factoring.

$$\frac{x-7}{x} = \frac{48}{x+7}$$

a. $\{49, -1\}$

b. $\{7, -1\}$

c. $\{49, 1\}$

d. $\{7, 1\}$

19. Solve the equation by the Square Root Method.

$$x^2 = 2$$

a. $\{\sqrt{2}\}$

b. $\{\sqrt{2}, -\sqrt{2}\}$

c. $\{2, -2\}$

d. no real solution

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20. Solve the equation by the Square Root Method.

$$(x + 3)^2 = 10$$

a. $\{7\}$

b. $\{\sqrt{10}, -\sqrt{10}\}$

c. $\{-3 + \sqrt{10}, -3 - \sqrt{10}\}$

d. $\{3 + \sqrt{10}, 3 - \sqrt{10}\}$

21. Solve the equation by completing the square.

$$x^2 - 4x - 7 = 0$$

a. $\{-2 - \sqrt{11}, -2 + \sqrt{11}\}$

b. $\{2 - \sqrt{7}, 2 + \sqrt{7}\}$

c. $\{2 - \sqrt{11}, 2 + \sqrt{11}\}$

d. $\{4 - \sqrt{23}, 4 + \sqrt{23}\}$

22. Solve the equation by completing the square.

$$x^2 + 5x - 5 = 0$$

a. $\left\{\frac{-5 - 3\sqrt{5}}{2}\right\}$

b. $\left\{\frac{-5 - 3\sqrt{5}}{2}, \frac{-5 + 3\sqrt{5}}{2}\right\}$

c. $\{-5 - 3\sqrt{5}, -5 + 3\sqrt{5}\}$

d. $\left\{\frac{5 + 3\sqrt{5}}{2}\right\}$

23. Find the real solutions, if any, of the equation. Use the quadratic formula.

$$x^2 + x + 1 = 0$$

a. $\left\{\frac{-1 - \sqrt{3}}{2}, \frac{-1 + \sqrt{3}}{2}\right\}$

b. $\left\{\frac{-1 - \sqrt{3}}{2}, \frac{1 + \sqrt{3}}{2}\right\}$

c. no real solution

d. $\left\{\frac{1 - \sqrt{3}}{2}, \frac{1 + \sqrt{3}}{2}\right\}$

24. Find the real solutions, if any, of the equation. Use the quadratic formula.

$$4x = 1 + \frac{-6}{x}$$

a. $\left\{\frac{1 - \sqrt{97}}{8}\right\}$

b. $\left\{-\frac{1 + \sqrt{97}}{8}, \frac{1 - \sqrt{97}}{8}\right\}$

c. no real solution

d. $\left\{\frac{1 - \sqrt{97}}{8}, \frac{1 + \sqrt{97}}{8}\right\}$

25. Use the discriminant to determine whether the quadratic equation has two unequal real solutions, a repeated real solution, or no real solution without solving the equation.

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$$x^2 + 3x + 5 = 0$$

- a. repeated real solution
 b. no real solution
 c. two unequal real solutions

26. **Find the real solutions of the equation.**

$$x^4 - 81 = 0$$

- a. $\{-\sqrt{3}, \sqrt{3}\}$
 b. no real solution
 c. $\{-9, 9\}$
 d. $\{-3, 3\}$

27. **Solve the equation.**

$$|x + 6| = 6$$

- a. $\{-12, 0\}$
 b. $\{12, 0\}$
 c. no real solution
 d. $\{0\}$

28. **Find the real solutions of the equation by factoring.**

$$x^3 - 100x = 0$$

- a. $\{0, -10\}$
 b. $\{0, 100\}$
 c. $\{0, 10\}$
 d. $\{0, 10, -10\}$

29. **Write the expression in the standard form $a + bi$.**

$$(4 + 7i) - (-5 + i)$$

- a. $-1 + 8i$
 b. $9 + 6i$
 c. $9 - 6i$
 d. $-9 - 6i$

30. **Write the expression in the standard form $a + bi$.**

$$\frac{7 + 9i}{4 - 3i}$$

- a. $\frac{55}{7} - \frac{57}{7}i$
 b. $\frac{1}{7} - \frac{57}{7}i$
 c. $\frac{1}{25} + \frac{57}{25}i$
 d. $\frac{11}{5} - \frac{3}{5}i$

31. **Write the expression in the standard form $a + bi$.**

$$(1 - 8i)^2$$

- a. $1 - 16i + 64i^2$
 b. $65 - 16i$
 c. -63
 d. $-63 - 16i$

32. **Write the expression in the standard form $a + bi$.**

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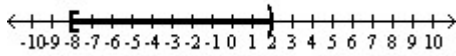
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b. $(-3, 2]$
 $-3 < x \leq 2$

d. $(-3, 2)$
 $-3 < x < 2$

38. Express the graph shown using interval notation. Also express it as an inequality involving x.



a. $[-8, 2]$
 $-8 \leq x \leq 2$

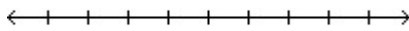
c. $(-\infty, 2)$
 $x < 2$

b. $(-8, 2]$
 $-8 < x \leq 2$

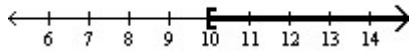
d. $[-8, 2)$
 $-8 \leq x < 2$

39. Write the inequality using interval notation, and illustrate the inequality using the real number line.

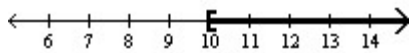
$t \geq 10$



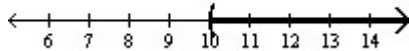
a. $[10, \infty)$



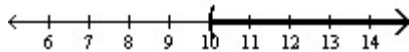
b. $[10, \infty]$



c. $(10, \infty)$

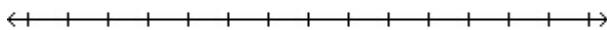


d. $(10, \infty]$

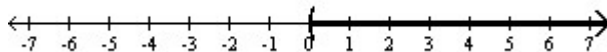


40. Solve the inequality. Express your answer using interval notation.

$5x + 1 \geq 4x - 1$



a. $(0, \infty)$

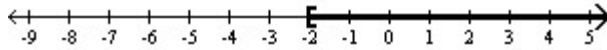


b. $[-2, \infty)$

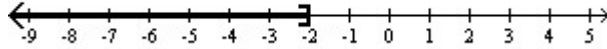
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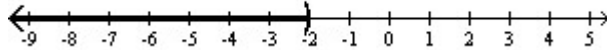
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c. $(-\infty, -2]$

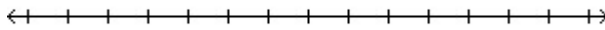


d. $(-\infty, -2)$

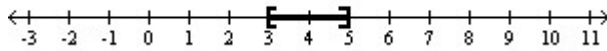


41. **Solve the inequality. Express your answer using interval notation.**

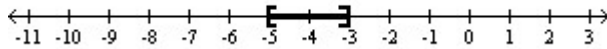
$$11 \leq 4x - 1 \leq 19$$



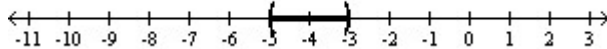
a. $[3, 5]$



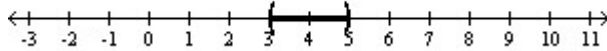
b. $[-5, -3]$



c. $(-5, -3)$



d. $(3, 5)$



42. **Solve the problem.**

In his algebra class, Rob has scores of 79, 85, 81, and 65 on his first four tests. To get a grade of C, the average of the first five tests must be greater than or equal to 70 and less than 80. Solve an inequality to find the range of scores that Rob can earn on the fifth test to get a C.

- a. $40 \leq x \leq 90$, where x represents Bob's score on the fifth test
- b. $40 \leq x < 90$, where x represents Bob's score on the fifth test
- c. $40 < x < 90$, where x represents Bob's score on the fifth test
- d. $x \geq 40$, where x represents Bob's score on the fifth test

43. **Solve the inequality. Express your answer using interval notation.**

$$|x| > -9$$

- a. $(-\infty, \infty)$
- b. $\{9\}$
- c. no solution
- d. $(-9, 9)$

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44. **Solve the inequality. Express your answer using interval notation.**

$$|5x + 2| > 3$$

a. $(-\infty, -1)$ or $(\frac{1}{5}, \infty)$

c. $(-1, \frac{1}{5})$

b. $(-\infty, -1]$ or $[\frac{1}{5}, \infty)$

d. $[-1, \frac{1}{5}]$

45. **Solve the inequality. Express your answer in set notation.**

$$x^2 > 16$$

a. $\{x \mid -4 \leq x \leq 4\}$

c. $\{x \mid x < -4 \text{ or } x \geq 4\}$

b. $\{x \mid x < -4 \text{ or } x > 4\}$

d. $\{x \mid x \leq -4 \text{ or } x \geq 4\}$

46. **Simplify the expression. Assume that all variables are positive when they appear.**

$$\sqrt{425}$$

a. $25\sqrt{17}$

c. $\sqrt{425}$

b. 85

d. $5\sqrt{17}$

47. **Simplify the expression. Assume that all variables are positive when they appear.**

$$\sqrt{16y^{24}}$$

a. $4y^{12}$

c. $16y^{12}$

b. $4y^{22}$

d. $4y^{24}$

48. **Simplify the expression. Assume that all variables are positive when they appear.**

$$\sqrt[3]{-125x^{18}y^{24}}$$

a. $5x^6y^8$

c. $25x^6y^8$

b. $5x^6y^{12}$

d. $-5x^{18}y^8$

49. **Simplify the expression. Assume that all variables are positive when they appear.**

$$\frac{5}{\sqrt{11}}$$

a. 126

c. $5\sqrt{11}$

b. $\frac{25\sqrt{11}}{11}$

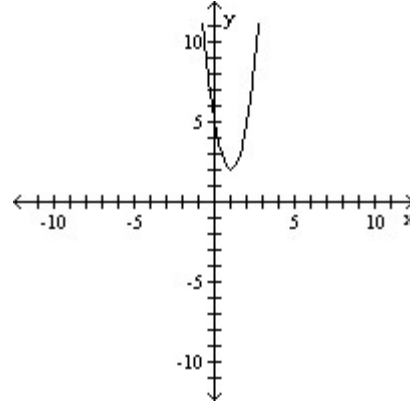
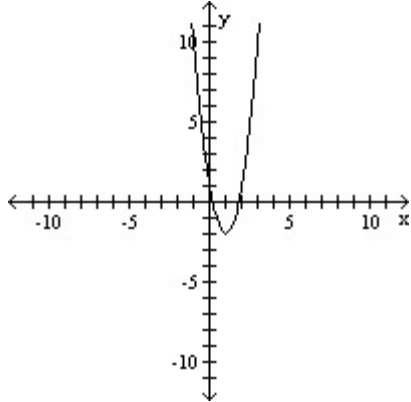
d. $\frac{5\sqrt{11}}{11}$

50. **Simplify the expression.**

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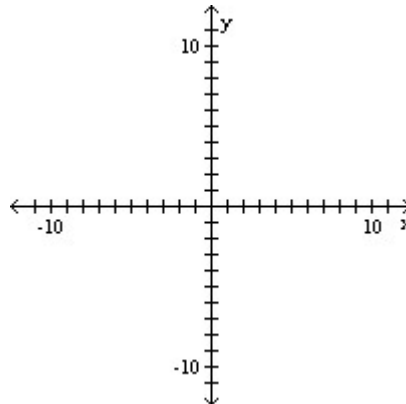
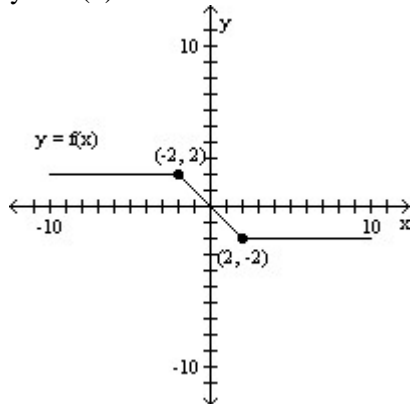
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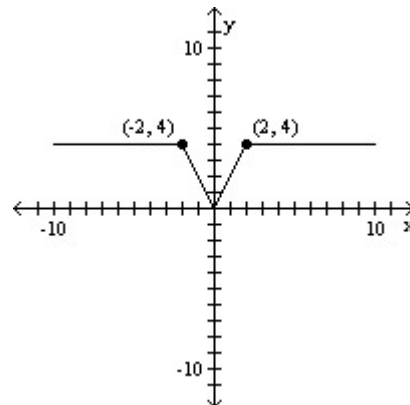
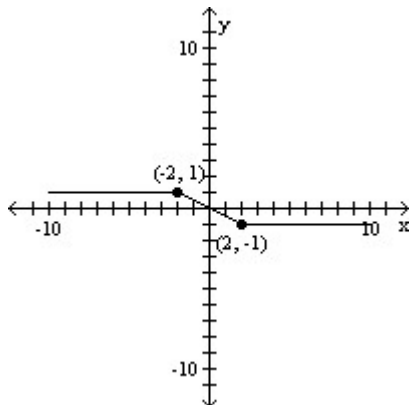
59. Use the accompanying graph of $y = f(x)$ to sketch the graph of the indicated equation.

$y = 2f(x)$



a.

c.



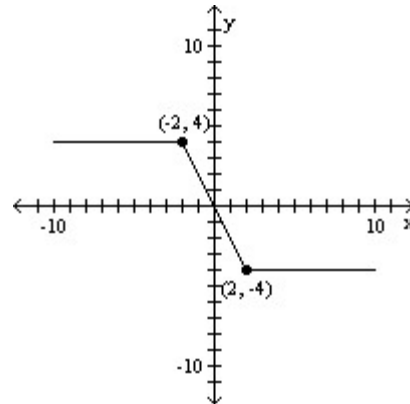
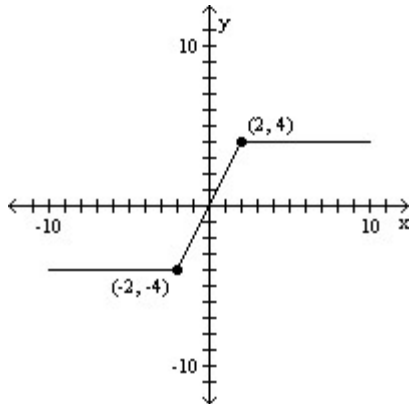
b.

d.

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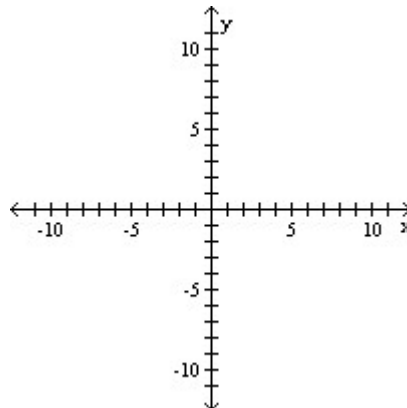
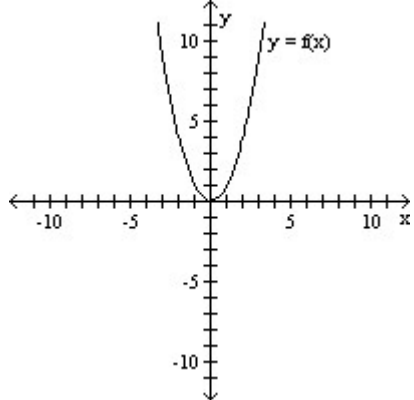
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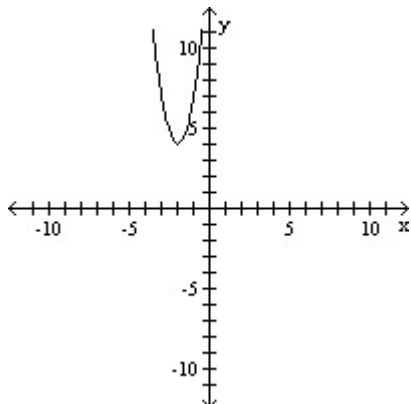


60. Use the accompanying graph of $y = f(x)$ to sketch the graph of the indicated equation.

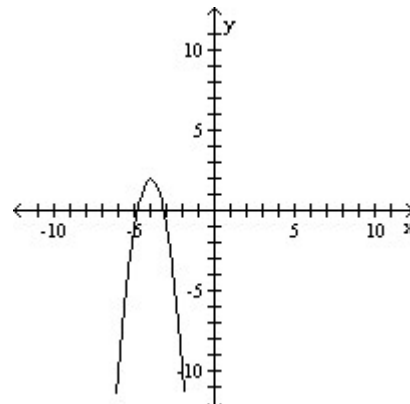
$$y = -3f(x + 4) + 2$$



a.



c.

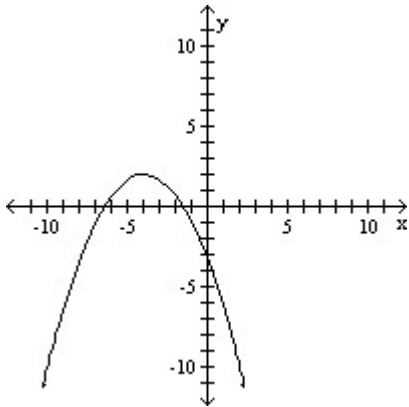


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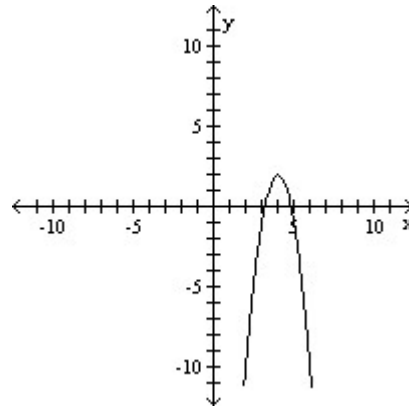
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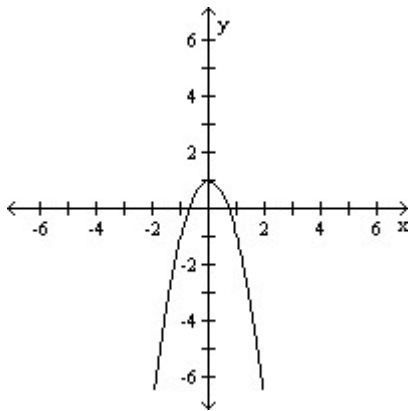
b.



d.



61. Match the correct function to the graph.



- a. $y = 1 - x^2$
 b. $y = -2x^2$

- c. $y = -2x^2 - 1$
 d. $y = -2x^2 + 1$

62. Find the function.

Find the function that is finally graphed after the following transformations are applied to the graph of $y = \sqrt{x}$. The graph is shifted down 5 units, reflected about the y-axis, and finally shifted left 2 units.

- a. $y = \sqrt{-x + 2} - 5$
 b. $y = -\sqrt{x - 2} + 5$

- c. $y = \sqrt{-x - 2} - 5$
 d. $y = \sqrt{-x + 2} + 5$

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63. Find the function.

Find the function that is finally graphed after the following transformations are applied to the graph of $y = \sqrt{x}$. The graph is shifted up 5 units, reflected about the x-axis, and finally shifted right 4 units.

a. $y = \sqrt{-x + 4} - 5$

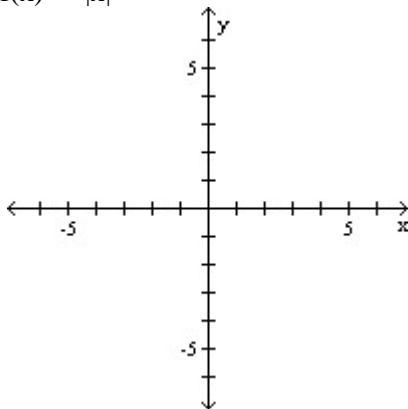
b. $y = -\sqrt{x + 4} + 5$

c. $y = -\sqrt{x - 4} - 5$

d. $y = -\sqrt{x - 4} + 5$

64. Graph the function by starting with the graph of the basic function and then using the techniques of shifting, compressing, stretching, and/or reflecting.

$f(x) = -|x|$



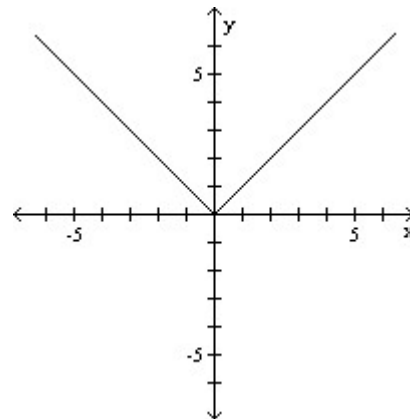
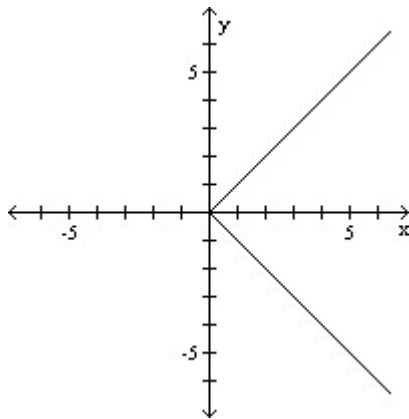
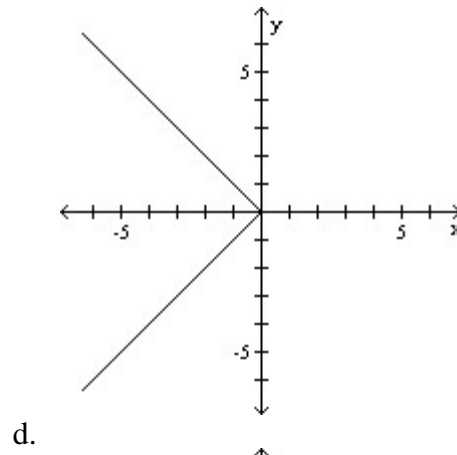
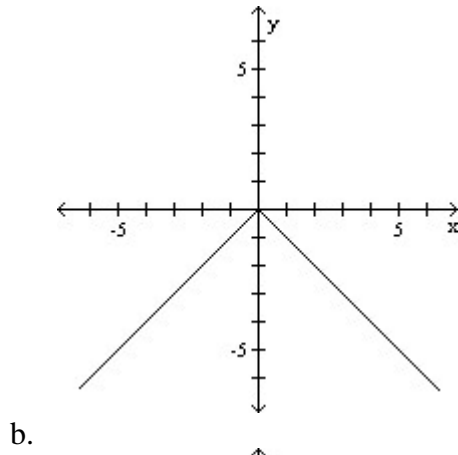
a.

c.

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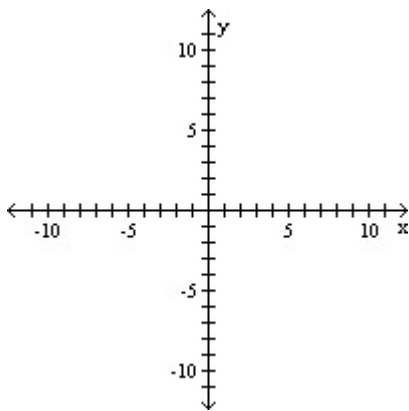
Name: _____

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65. Use transformations of the graph of $y = x^4$ or $y = x^5$ to graph the function.

$$f(x) = (x - 3)^5 + 2$$

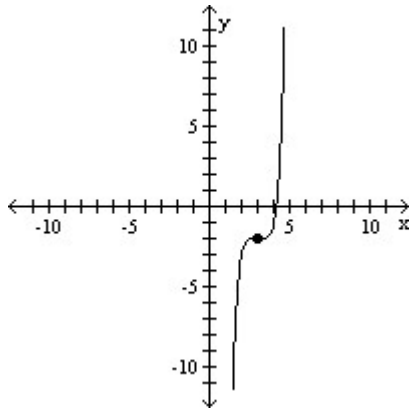


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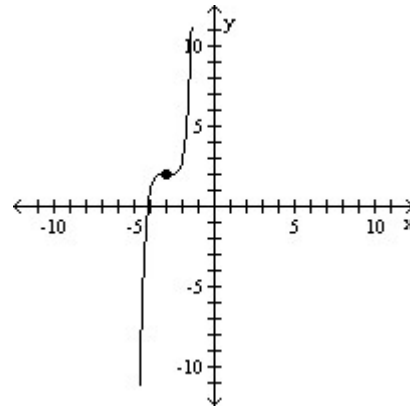
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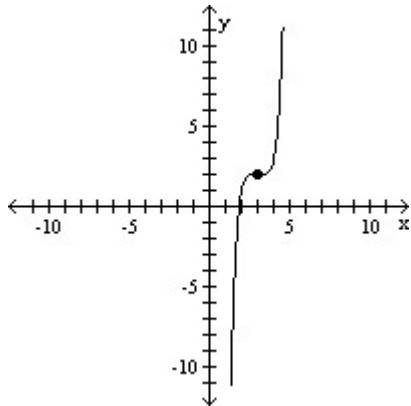
a.



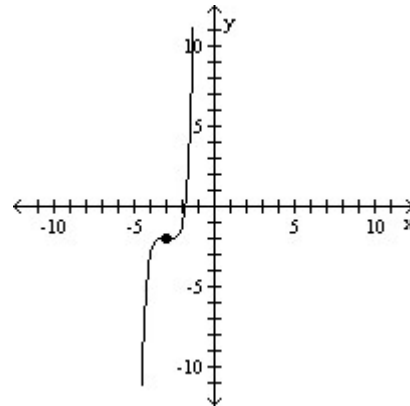
c.



b.



d.



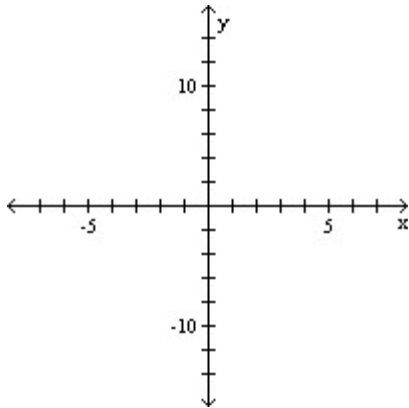
66. Use transformations of the graph of $y = x^4$ or $y = x^5$ to graph the function.

$$f(x) = \frac{1}{2}(x - 2)^5 + 2$$

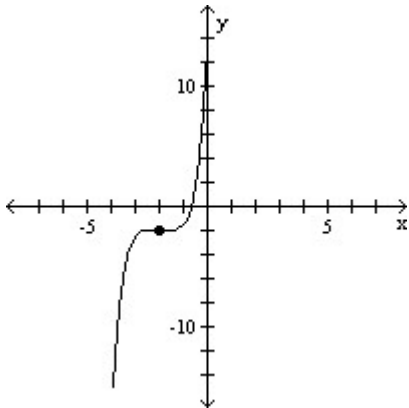
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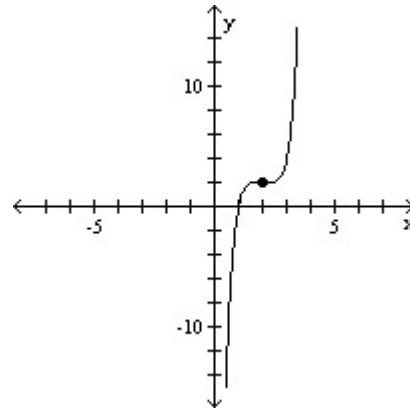
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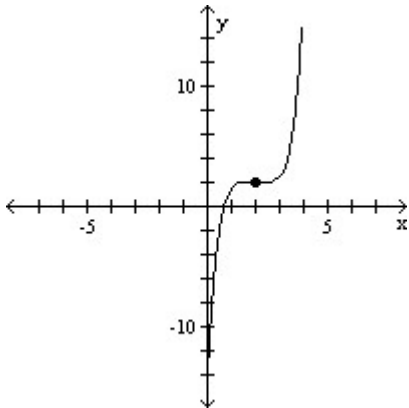
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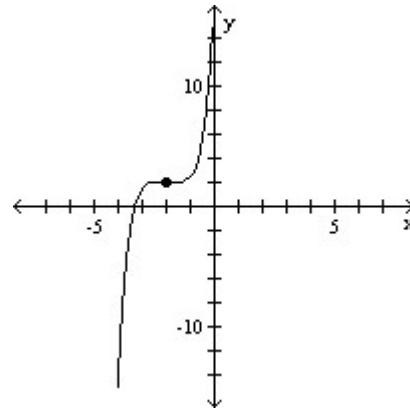
c.



b.



d.



67. Draw the angle.

135°

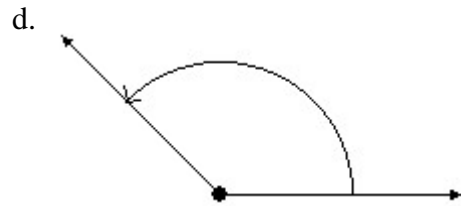
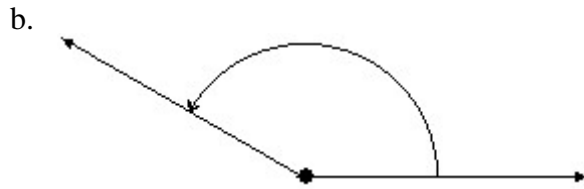
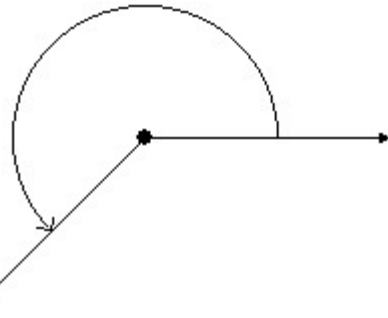
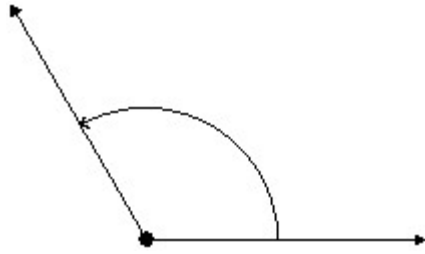
a.

c.

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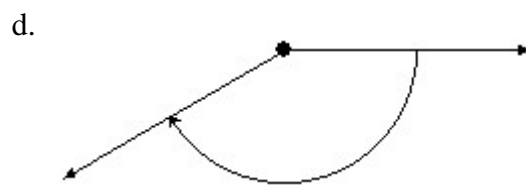
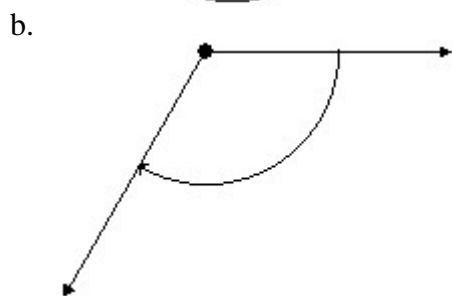
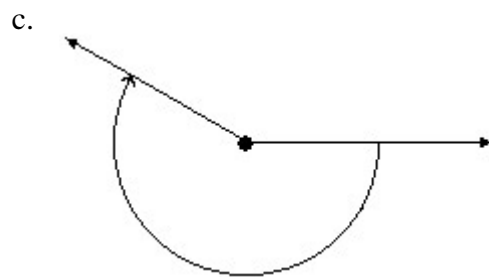
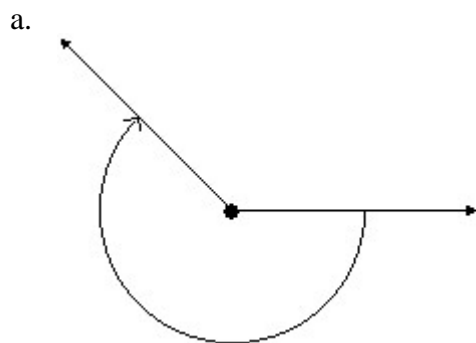
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68. Draw the angle.

-120°



69. Draw the angle.

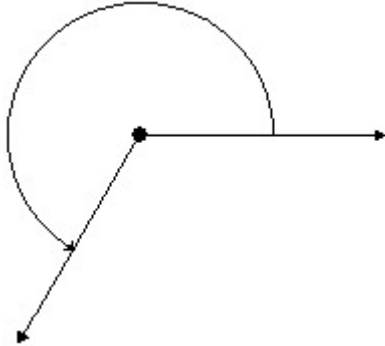
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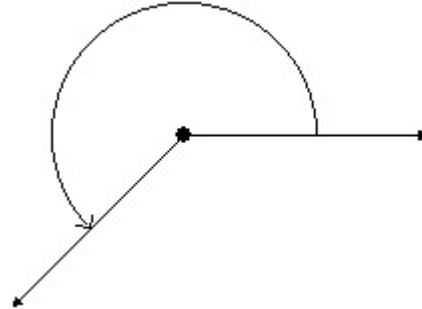
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$$\frac{7\pi}{4}$$

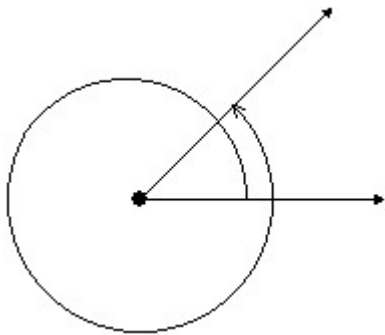
a.



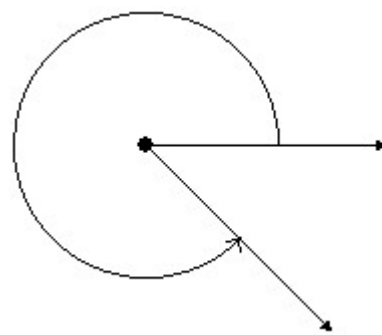
c.



b.



d.



70. If s denotes the length of the arc of a circle of radius r subtended by a central angle θ , find the missing quantity. Round to one decimal place, if necessary.

$r = 12.17$ centimeters, $\theta = 1.8$ radians, $s = ?$

- | | |
|------------|------------|
| a. 22.9 cm | c. 20.9 cm |
| b. 23.9 cm | d. 21.9 cm |

71. If s denotes the length of the arc of a circle of radius r subtended by a central angle θ , find the missing quantity. Round to one decimal place, if necessary.

$r = 14.8$ inches, $\theta = 315^\circ$, $s = ?$

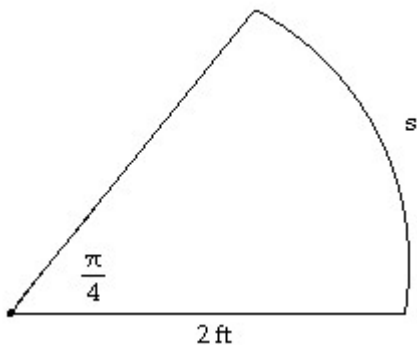
- | | |
|-------------|-------------|
| a. 81.5 in. | c. 81.4 in. |
| b. 81.6 in. | d. 81.7 in. |

72. Find the length s . Round the answer to three decimal places.

PRECALCULUS SUMMER ASSIGNMENT

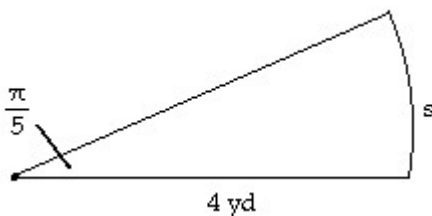
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- a. 6.283 ft
- b. 2.546 ft
- c. 3.142 ft
- d. 1.571 ft

73. **Find the length s. Round the answer to three decimal places.**



- a. 5.026 yd
- b. 6.366 yd
- c. 2.513 yd
- d. 3.927 yd

74. **Solve the problem.**

For a circle of radius 4 feet, find the arc length s subtended by a central angle of 60° . Round to the nearest hundredth.

- a. 4.35 ft
- b. 4.40 ft
- c. 4.25 ft
- d. 4.19 ft

75. **Convert the angle in degrees to radians. Express the answer as multiple of π .**

- a. $\frac{\pi}{5}$
- b. $\frac{\pi}{4}$
- c. $\frac{\pi}{7}$
- d. $\frac{\pi}{6}$

PRECALCULUS SUMMER ASSIGNMENT

Name: _____

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76. Convert the angle in degrees to radians. Express the answer as multiple of π .

-90°

a. $-\frac{\pi}{8}$

c. $-\frac{\pi}{4}$

b. $-\frac{\pi}{3}$

d. $-\frac{\pi}{2}$

77. Convert the angle in radians to degrees.

$\frac{12\pi}{7}$

a. 309.57°

c. 310.57°

b. 307.57°

d. 308.57°

78. Convert the angle in radians to degrees.

$-\frac{5\pi}{12}$

a. -74°

c. -76°

b. -77°

d. -75°

79. Solve the problem.

A wheel of radius 8.3 feet is moving forward at 19 feet per second. How fast is the wheel rotating?

a. 6 radians/sec

c. 2.3 radians/sec

b. 0.38 radians/sec

d. 0.44 radians/sec

80. Solve the problem.

A car is traveling at 49 mph. If its tires have a diameter of 24 inches, how fast are the car's tires turning? Express the answer in revolutions per minute. If necessary, round to two decimal places.

a. 4312 rpm

c. 686.27 rpm

b. 1372.55 rpm

d. 666.27 rpm

81. In the problem, t is a real number and $P = (x, y)$ is the point on the unit circle that corresponds to t . Find the exact value of the indicated trigonometric function of t .

$(\frac{4}{7}, \frac{\sqrt{33}}{7})$ Find $\sin t$.

a. $\frac{\sqrt{33}}{4}$

c. $\frac{4}{7}$

b. $\frac{4\sqrt{33}}{33}$

d. $\frac{\sqrt{33}}{7}$

PRECALCULUS SUMMER ASSIGNMENT

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82. **In the problem, t is a real number and $P = (x, y)$ is the point on the unit circle that corresponds to t . Find the exact value of the indicated trigonometric function of t .**

$(\frac{\sqrt{11}}{6}, \frac{5}{6})$ Find $\sec t$.

a. $\frac{6\sqrt{11}}{11}$

c. $\frac{5\sqrt{11}}{11}$

b. $\frac{\sqrt{11}}{5}$

d. $\frac{6}{5}$

83. **In the problem, t is a real number and $P = (x, y)$ is the point on the unit circle that corresponds to t . Find the exact value of the indicated trigonometric function of t .**

$(\frac{4}{9}, -\frac{\sqrt{65}}{9})$ Find $\csc t$.

a. $\frac{\sqrt{65}}{9}$

c. $-\frac{\sqrt{65}}{9}$

b. $-\frac{9\sqrt{65}}{65}$

d. $\frac{\sqrt{65}}{4}$

84. **In the problem, t is a real number and $P = (x, y)$ is the point on the unit circle that corresponds to t . Find the exact value of the indicated trigonometric function of t .**

$(\frac{3}{4}, -\frac{\sqrt{7}}{4})$ Find $\cos t$.

a. $\frac{\sqrt{7}}{4}$

c. $\frac{3}{4}$

b. $-\frac{\sqrt{7}}{4}$

d. $-\frac{3}{4}$

85. **Find the exact value. Do not use a calculator.**

$\tan 0$

a. undefined

c. 0

b. 1

d. $\frac{\sqrt{2}}{2}$

86. **Find the exact value. Do not use a calculator.**

$\cot 0$

a. $\frac{\sqrt{2}}{2}$

c. undefined

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98. Solve the problem.

If $\sin \theta = \frac{1}{9}$, find $\csc \theta$.

a. $\frac{8}{9}$

c. 9

b. $-\frac{1}{9}$

d. undefined

99. Solve the problem.

What is the range of the cosine function?

a. all real numbers greater than or equal to 0

b. all real numbers from -1 to 1, inclusive

c. all real numbers

d. all real numbers greater than or equal to 1 or less than or equal to -1

100. Solve the problem.

What is the range of the tangent function?

a. all real numbers

b. all real numbers greater than or equal to 1 or less than or equal to -1

c. all real numbers, except odd multiples of $\frac{\pi}{2}$ (90°)

d. all real numbers from -1 to 1, inclusive

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review packet
Answer Section

MULTIPLE CHOICE

1. ANS: B PTS: 1
2. ANS: C PTS: 1
3. ANS: A PTS: 1
4. ANS: A PTS: 1
5. ANS: D PTS: 1
6. ANS: B PTS: 1
7. ANS: C PTS: 1
8. ANS: D PTS: 1
9. ANS: A PTS: 1
10. ANS: A PTS: 1
11. ANS: C PTS: 1
12. ANS: D PTS: 1
13. ANS: C PTS: 1
14. ANS: D PTS: 1
15. ANS: C PTS: 1
16. ANS: D PTS: 1
17. ANS: B PTS: 1
18. ANS: A PTS: 1
19. ANS: B PTS: 1
20. ANS: C PTS: 1
21. ANS: C PTS: 1
22. ANS: B PTS: 1
23. ANS: C PTS: 1
24. ANS: C PTS: 1
25. ANS: B PTS: 1
26. ANS: D PTS: 1
27. ANS: A PTS: 1
28. ANS: D PTS: 1
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31. ANS: D PTS: 1
32. ANS: C PTS: 1
33. ANS: A PTS: 1
34. ANS: C PTS: 1

PRECALCULUS SUMMER ASSIGNMENT

Name: _____

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- 35. ANS: C PTS: 1
- 36. ANS: C PTS: 1
- 37. ANS: D PTS: 1
- 38. ANS: D PTS: 1
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- 47. ANS: A PTS: 1
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- 50. ANS: B PTS: 1
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- 52. ANS: A PTS: 1
- 53. ANS: C PTS: 1
- 54. ANS: C PTS: 1
- 55. ANS: D PTS: 1
- 56. ANS: D PTS: 1
- 57. ANS: C PTS: 1
- 58. ANS: A PTS: 1
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- 60. ANS: C PTS: 1
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- 62. ANS: D PTS: 1
- 63. ANS: C PTS: 1
- 64. ANS: A PTS: 1
- 65. ANS: B PTS: 1
- 66. ANS: B PTS: 1
- 67. ANS: D PTS: 1
- 68. ANS: B PTS: 1
- 69. ANS: D PTS: 1
- 70. ANS: D PTS: 1
- 71. ANS: C PTS: 1
- 72. ANS: D PTS: 1
- 73. ANS: C PTS: 1

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Name: _____

SHOW ALL WORK NEATLY ON THE SEPARATE ANSWER SHEET.

- 74. ANS: D PTS: 1
- 75. ANS: A PTS: 1
- 76. ANS: D PTS: 1
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