9. A triangular park in Vancouver has an altitude of 88 meters and a base of 52 meters. One other side has a length of 91.8 meters. Find the area of the triangular park.

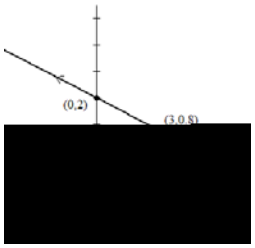
10. Solve each of the following equations for :

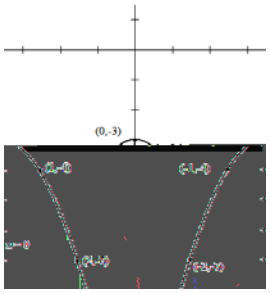
a) $4x \quad 5 \quad 29$ b) $4\ 2x \quad 1 \quad 29 \quad 3\ 2x \quad 5$

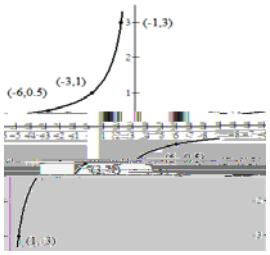
27. A truck carrying 3600 cubic feet of cargo consisting of washing machines and refrigerators was

19. a) $m \quad \frac{2}{5} \quad \frac{2}{5}, \; b \quad 2$ b) *parabola*

intercepts: $0,2 \;,\; 5,0$







$y \quad \frac{3}{x}$

c)

x	y
1	3
3	1
6	$\frac{1}{2}$

c)

x	y
1	3
3	1
6	$\frac{1}{2}$

20. a) Not a function, fails vertical line test. b) Yes, a function, passes vertical line test.
c) Yes, a function, passes vertical line test d) Not a function, fails vertical line test.

21. $f \quad 3 \quad 3$

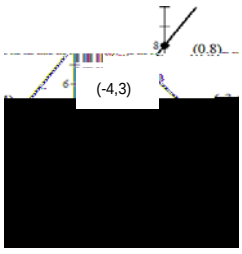
22. $f \quad a \quad h \quad 3a \quad 3h \quad 4$

23. a) Domain: $x \mid x$ Reals b) Domain: $x \mid x$ Reals,$x \quad \frac{1}{2}$

24. a) $y \quad \frac{7}{3}x \quad \frac{2}{3}$ b) $y \quad 5x \quad 7$

25. $y \quad 10.7x \quad 133.9$ In 2002, the medican cost was $208 000.00.

26.



a) Soln: (-4,3) b) $1,2$ c) $\frac{7}{31}, \frac{53}{31}$

27. 50 washing machines and 40 refrigerators

28.

29. 1. g 2. d 3. a 4. h 5. b 6. c 7. j 8. e 9. f 10. i

10.