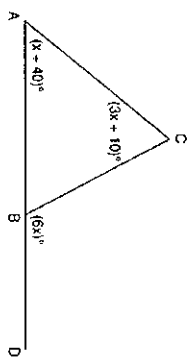
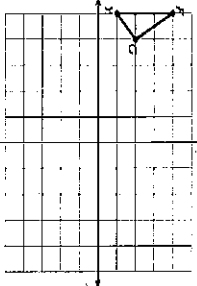
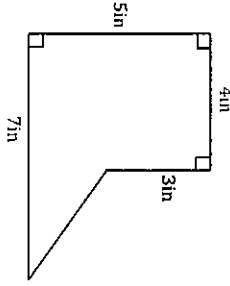

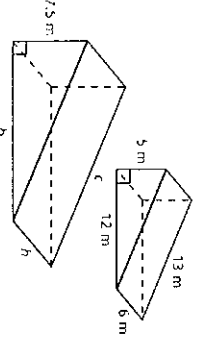
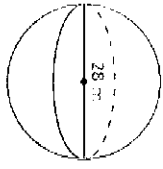
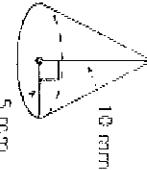


ALGEBRA SPIRAL REVIEW

<p>Find the missing angle.</p> 	<p>Are the points parallel?</p> <p>$y = -5, y = 1$ _____</p> <p>$y = 3, x = 6$ _____</p> <p>$x = 7, y = 2$ _____</p> <p>Solve.</p> <p>A farm has shekters 10 animals. Some are pigs, some are ducks. Altogether there are 36 legs. How many of each animal are at the farm?</p> <p>_____</p> <p>_____</p>	<p>Translate the triangle 4 units right and 1 unit down.</p> 	<p>Write the decimal as a fraction or mixed number.</p> <p>$0.\overline{3}$ _____ $0.1\overline{8}$ _____</p> <p>Solve.</p> <p>The foot of a ladder is placed 6 feet from a wall. The ladder is 12 feet tall. How far above the ground does the ladder touch the wall?</p> <p>_____</p> <p>John leaves school to go home. He walks 6 blocks north and then 8 blocks west. How far is John from the school?</p> <p>_____</p>
<p>Evaluate the expressions.</p> <p>$(6 + h^2 - j) \div 2$; use $h = 6$, and $j = 4$</p> <p>_____</p> <p>$(p + q)^2 - (5 - 5)$; use $p = 1$, and $q = 1$</p> <p>_____</p>	<p>Find the area.</p>  <p>_____</p>	<p>Make a function table for the equation. $f(n) = 1/2x + 6$</p> <p>_____</p> <p>_____</p> <p>Solve for Y.</p> <p>$5y + 8 = 2y - 3x + 5$</p> <p>$y + 8 = 4(x - 3)$</p>	<p>What two whole numbers are closest to the square roots?</p> <p>$-\sqrt{80}$ _____ $-\sqrt{34}$ _____</p> <p>The solids are similar. Find the missing surface area or volume.</p>  <p>Surface Area = 336 m²</p> <p>_____</p>
<p>Sketch a graph for the situation.</p> <p>A person walks to a friends house, where they stay overnight.</p> <p>The solids are similar. Find the missing dimensions.</p>  <p>_____</p>	<p>Find the volume.</p>   <p>_____</p>	<p>_____</p> <p>_____</p>	

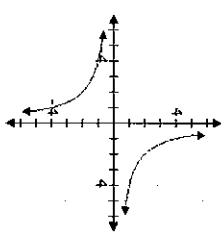
Use the table to find the break-even point

$C = 30x$

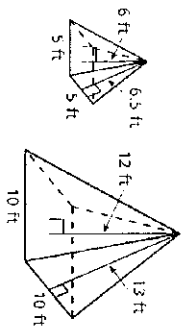
$R = 5x + 50$

	1	2	3	4	5	6	7	8
C								
R								

Is the relation a function?



Determine if the solids are similar.



Solve the system using elimination.

$-4y - 11x = 36$

$20 = -10x - 10y$

(,)

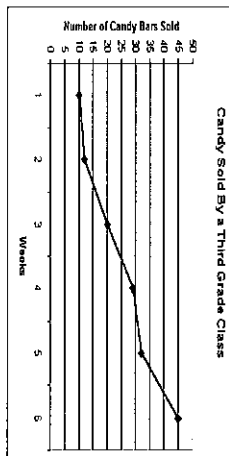
Solve the system using substitution.

$x + 7y = 0$

$2x - 8y = 22$

(,)

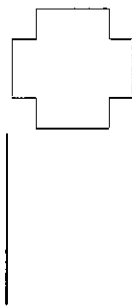
Label the graph



Find the radius, diameter, and area.
Circle with a radius of 40 meters

$r =$ $d =$ $a =$

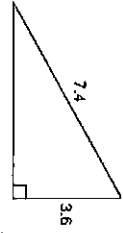
Find the sum of the interior angles.



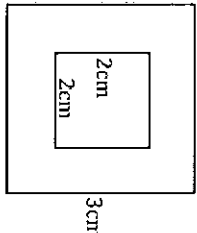
Write a linear function for the table.

X	2	3	4	5	6
Y	-11	-14	-17	-20	-23

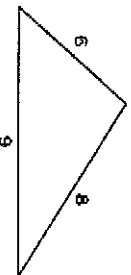
Find the missing side.

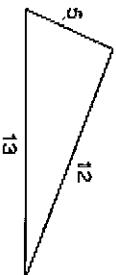


Find the area of the shaded region.

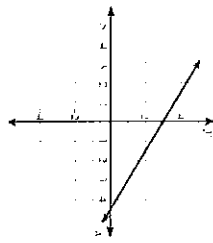


Tell whether the triangle with the given side lengths is a right triangle.

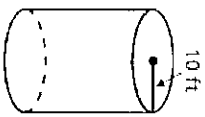




Write a linear function of the line.



The solids are similar. Find the missing volume.

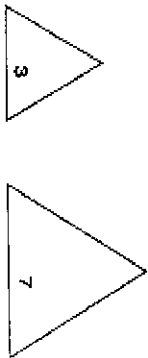


Volume = 7850 ft³



W E D N E S D A Y

Find the ratio (small to big) of the perimeter and area.



P = _____
A = _____

Find the x and y intercepts of the lines.

$-4x + 6y = 24$ _____

$2x + 8y = 32$ _____

Write an equation of a line that is parallel.

$y = 9x - 2$; (9, 6) _____

Write an equation of a line that is perpendicular.

$y = 2/3x + 23$; (3, 1) _____

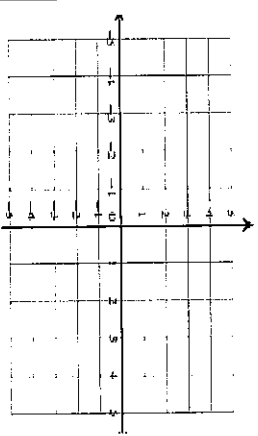
T H U R S D A Y

Write the equation of the line in point-slope form.

(-6, -4) $m = 3$ _____
(5, 2) $m = 1/2$ _____

Solve by graphing.

$4x + y = 2$
 $x - y = 3$



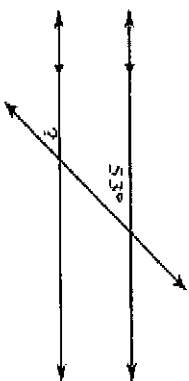
Write an equation of a line in slope-intercept form.

(-1, 7), (4, -3) _____

Find the slope.

(-6, 3) (5, 3) _____
(4, -6) (0, 4) _____
(7, 1) (7, 6) _____

Find the missing angles.

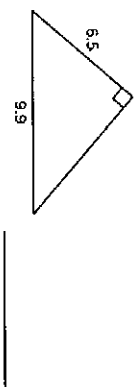


Solve.

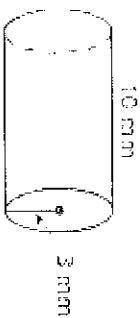
A class of 195 students went on a field trip. They took 7 vehicles, some cars and some buses. Find the number of cars and the number of buses they took if each car holds 5 students, and each bus holds 45 students.

Cars: _____ Buses: _____

Find the missing side.



Find the volume.



Find the distance between the two points.

(2, 1), (-3, 6) _____
(-6, -4), (2, 2) _____
(1, -7), (4, -5) _____

Graph the linear equations.

A. $y = 5x + 1$ B. $y = -1/3x - 3$
C. $y = -3x - 1$ D. $y = 6x$

