SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 Simplify $\frac{7}{3}+\frac{21}{4}-\frac{79}{12}$	2 Write the equation of the line through the point $(-3,-4)$ with slope $m=2$.	3 Find the slope of the line through the points $(3,5)$ and $(1,-1)$.	4 Find the x-intercept of the line represented by the equation $7x+9y=28$.	5 What is the y-intercept of the line represented by $11x+3y=15$?	6 Simplify $\frac{1}{2}([3+2]^2-5)$ $-\left(\frac{1}{3}[5+2^2]+1\right)$
7 Find the value of A when $y=-\frac{7}{2}x+8$ is written in standard form.	8 Find the value of x in the system below. $\begin{cases} y=-\frac{15}{8}x-3 \\ y=\frac{1}{8}x-19 \end{cases}$	9 State the domain of **Graph #9** on the back of this page.	10 Let $f(x)=3x^2-24x+58$. Find $f(4)$.	11 Find the value of B when $y=-\frac{8}{11}x-\frac{13}{11}$ is written in standard form.	12 Jamal sells tickets to the school play. He sells 5 adult & 18 student tickets for \$114. He sells 4 adult & 6 student tickets for \$66. How much is one adult ticket?	13 Luis read 56 pages in 7 days. Brooklyn read 210 pages in 10 days. Assuming they read at a constant rate, how many more pages per day did Brooklyn read?
14 State the range of **Graph #14** on the back of this page.	15 Find the y-intercept of the line through the points $(3,14)$ and $(-12,19)$.	16 A parking garage charges \$20 for 6 hours and \$28 for 10 hours. Write an equation and use it to find the cost to park for four hours.	17 Solve and graph. $-3(x+5)<-66$	18 Find the slope of the line represented by $36x-2y=-10$	19 Solve for x. $3(x+5)=4(x-1)$	20 Carla drove 200 miles on 10 gallons of gas and used 13 gallons to go 260 miles. Write an equation representing how far Carla can drive, y, for a given number of gallons, x.
21 Find the x-intercept of the line represented by the equation $y=-\frac{1}{3}x+7$	22 Graph a function on the coordinate plane with a range of $-22\le y\le 22$	23 Solve and graph. $\frac{1}{5}(x+7)<6$	24 A company charges \$4.00 to make a call to Kazakhstan, plus \$2.00 per minute. Write an equation for the total cost, y, of an x minute call.	25 Use your equation from **Problem #24** to determine how long you can talk to someone in Kazakhstan for \$54.00.	26 Find the value of C when $y=-\frac{4}{5}x+\frac{26}{5}$ is written in standard form.	27 Graph a non-function on the coordinate plane with a domain of $-27\le x\le 27$.
28 Find the y-intercept of the line through the points $(-5,27)$ and $(15,31)$.	29 Simplify $\frac{(x^5)^2\cdot(y^3)^2}{x^8y^{-3}}$					

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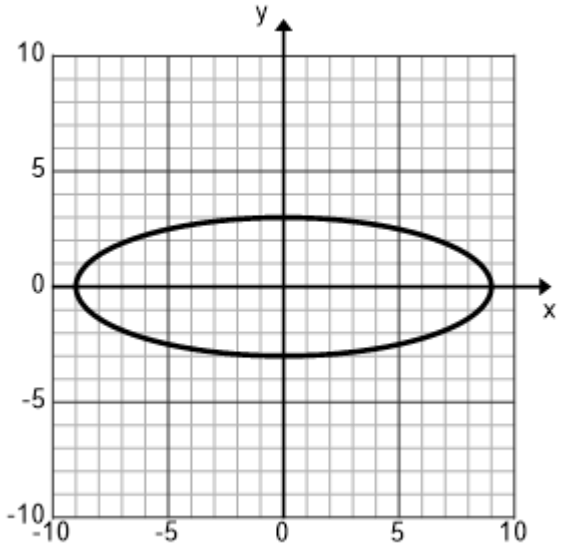
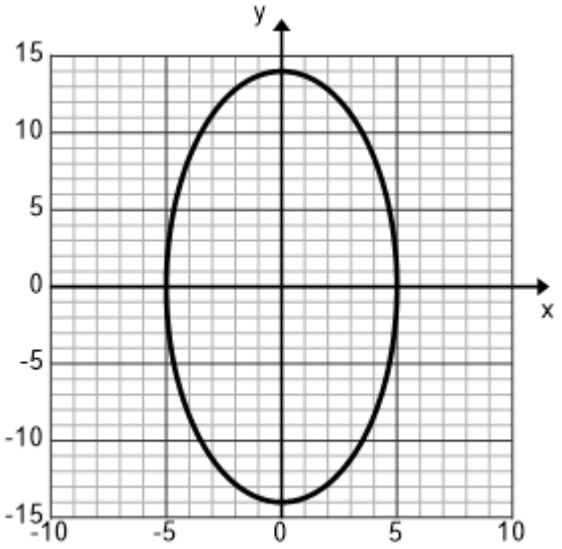
- Remember that if the answer you get is different from the date… **you need to try the problem again!**
- **Do not** leave any question blank. If you don't know how to solve it… **ask for help!**
- **Show all your work!** The process is more important than the answer.

Graph #9



Graph #14