TUESDAY, NOV. 13, 2012

Agenda

- TISK & MM
- Homework Discussion
- · Lesson 10-3: Equations with Variables on Both Sides
- Homework: p. 510 #22-32

TISK Problems

 Mika rolls a ten-sided die and spins a fair spinner numbered 1-10. Find P(even then odd).

- 2) Solve for $n: \frac{14}{21} = \frac{n}{3}$
- 3) Simplify: -3(2y + 8) 8y + 27

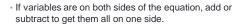
There will be 2 Mental Math Questions today.

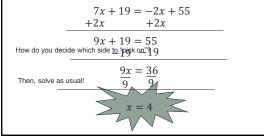
Homework Discussion

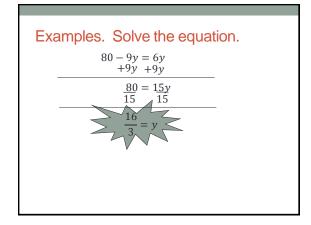
1) x = 12) a = 73) x = 24) y = -45) x = 16) n = 27) d = 3

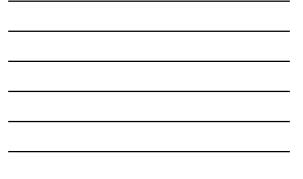
8) x = 7

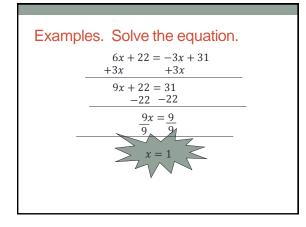
§10.3 Equations with Variables on Both Sides













Check Point. Try it on your own.		
64 - 12w = 6w	17 - 2x = 14 + 4x	
2-x=7x-14		



Many Solutions & No Solutions

- Sometimes, when variables are on both sides of the equal sign, the variables "disappear".
- If that happens, there are either NO Solutions or "MANY" Solutions.

Examples. Solve the equation.		
4(x-5) = 4x - 20		
4x - 20 = 4x - 20	No Solution is DIFFERENT from	
-4x $-4x$	ZERO. Zero is a number (and can be a solution!) but no solution means there is NO NUMBER that will make the	
-20 = -20		
x = any number		
3x - 9 = 3x + 10	equation work.	
-3x $-3x$		
-9 = 10		
$\chi= otin $ (this symbol means "no solution")		

