LES	Equations with Many So	olutions or No Solution
	Practice and Problem Solvin	g: A/B
Tell whether each equation has one, zero, or infinitely many solutions. If the equation has one solution, solve the equation.		
1.	4(x-2) = 4x + 10	2. $\frac{1}{2}n + 7 = \frac{n+14}{2}$
3.	6(x-1) = 6x-1	4. $6n + 7 - 2n - 14 = 5n + 1$
5.	4x+5=9+4x	6. $\frac{1}{2}(8-x) = \frac{8-x}{2}$
7.	8(y+4) = 7y + 38	8. $4(-8x + 12) = -26 - 32x$
9.	2(x + 12) = 3x + 24 - x	10. $3x - 14 + 2(x - 9) = 2x - 2$

Solve.

- 11. Cell phone company A charges \$20 per month plus \$0.05 per text message. Cell phone company B charges \$10 per month plus \$0.07 per text message. Is there any number of text messages that will result in the exact same charge from both companies?
- 12. Lisa's pet shop has 2 fish tanks. Tank A contains smaller fish who are fed 1 gram of food each per day. Tank B contains larger fish who are fed 2 grams of food each per day. If Tank B contains $\frac{2}{3}$ the number of fish that Tank A contains, will Lisa ever feed both tanks the same amount of food?