Algebra Bellwork - October 10, 2011

Emilio bet his buddy, Andrew, $65 that San Diego Chargers would lose this weekend. After paying Andrew, Emilio had $49 left. How much money did Emilio have **before** he paid Andrew?

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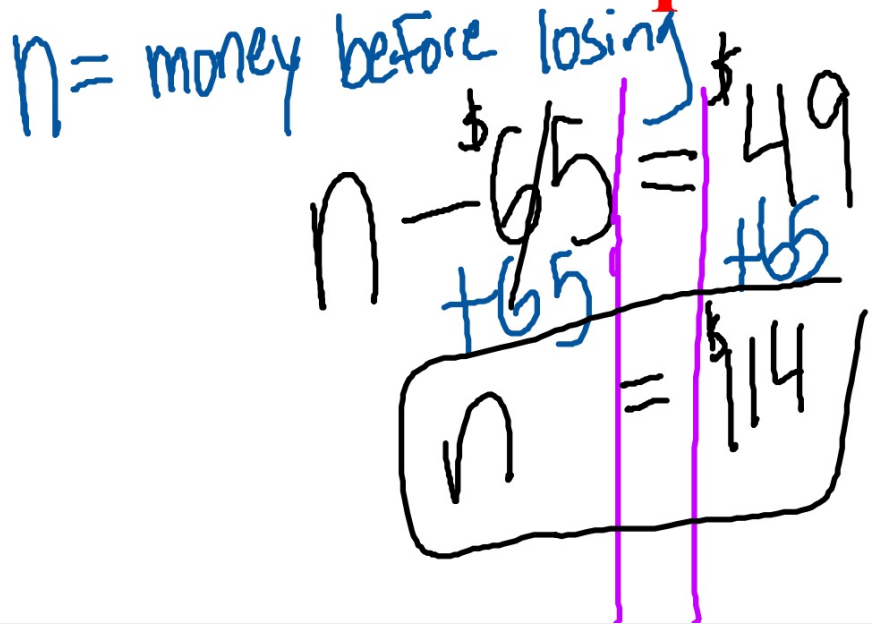
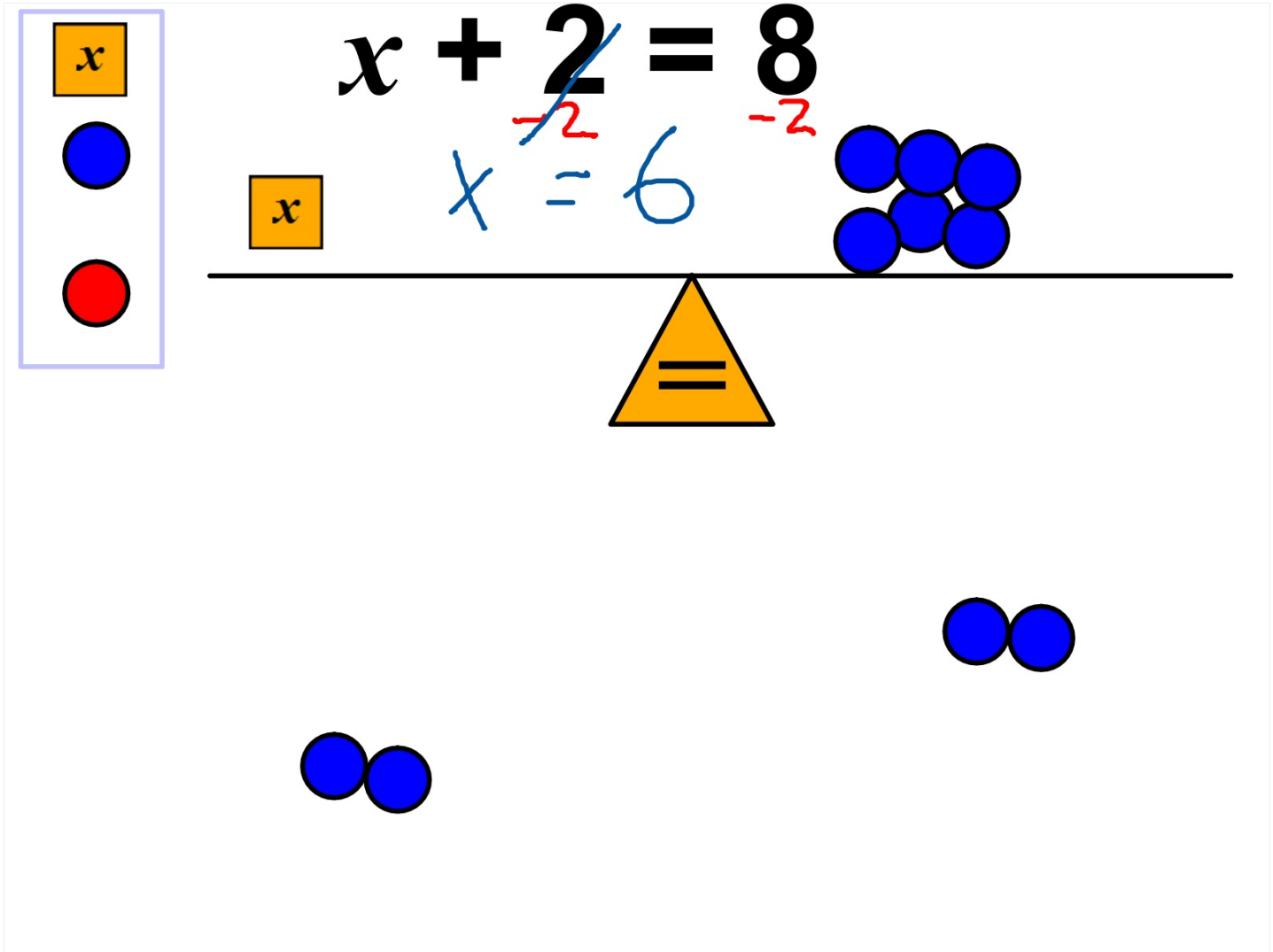
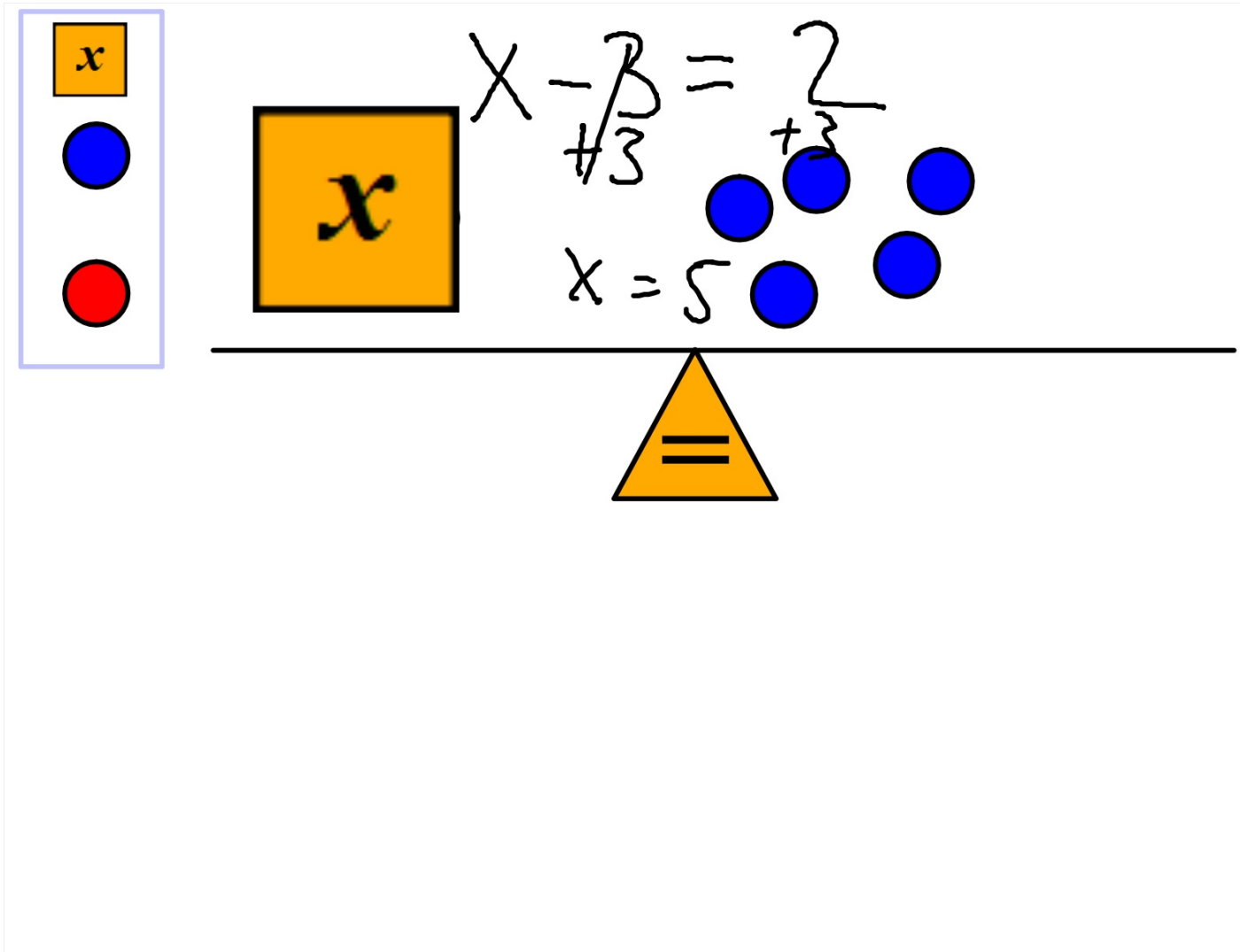
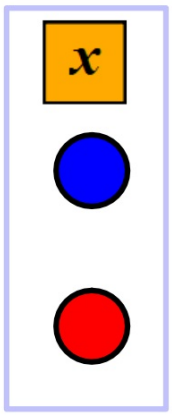
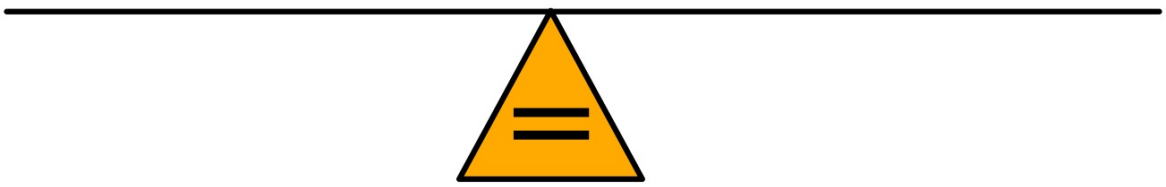


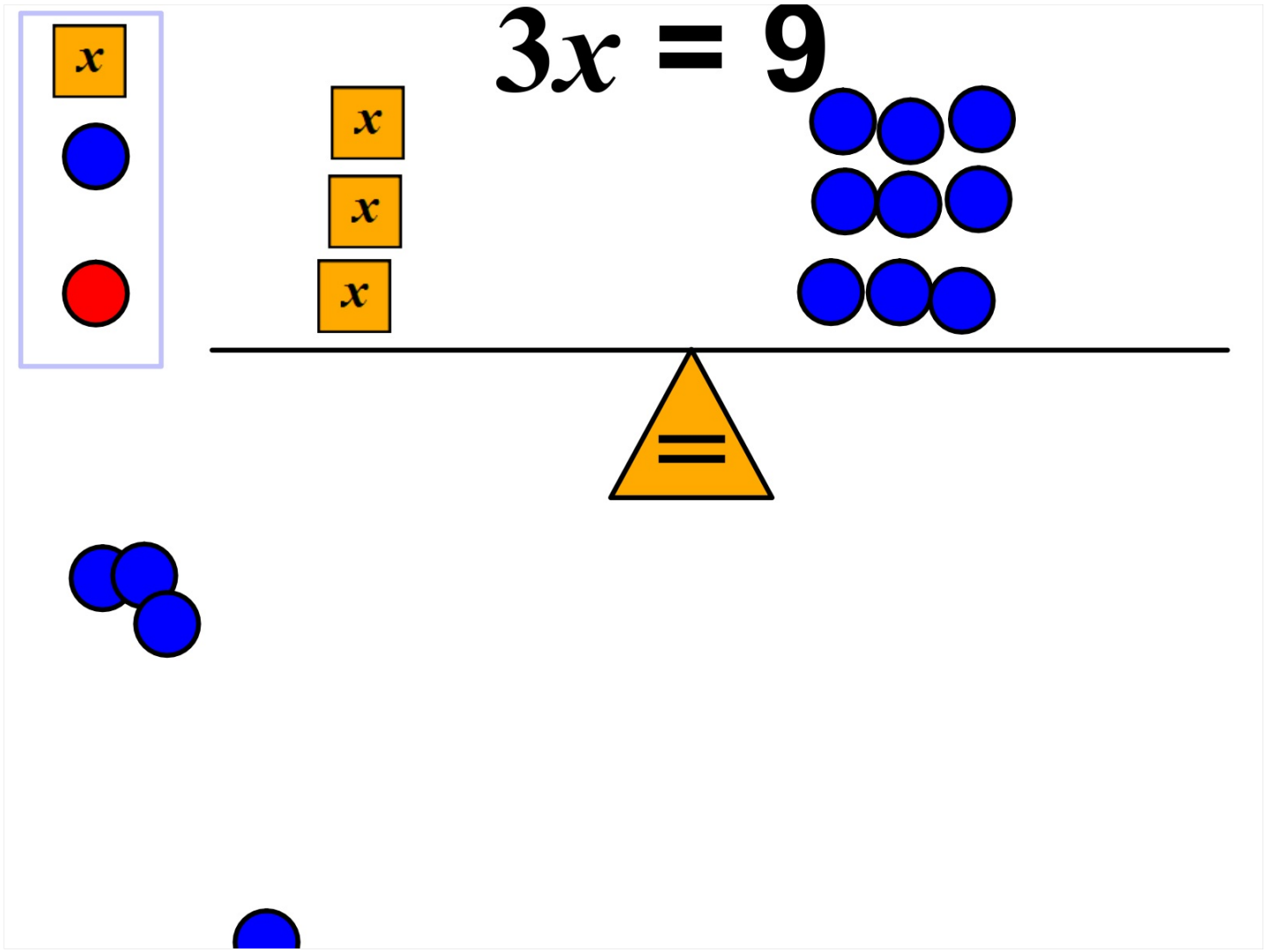

x
x + 2 = 8
-2
-2
x = 6
x


x
x
X - 3 = 2
+3 +3
X = 5



$$x - 2 = 8$$




3x = 9
x
x
x
x

Solve each equation.

1) $\frac{4}{1} \cdot \frac{x}{4} = 8 \cdot 4$

$x = 32$

2) $\frac{12}{6} = \frac{6x}{6}$

$2 = x$

Solve each equation.

$-13 + -5$

1. $x - 8 = 0$
2. $c - 4 = 9$
3. $-4 = \frac{2}{5}a$
4. $-8n = -64$

$\frac{-8n}{-8} = \frac{-64}{-8}$

5. $b + 5 = -13$
6. $6 = x + 2$
7. $-7y = 28$
8. $-101 = -\frac{r}{3}$
9. $67 = w - 65$
10. $5b = 145$
11. $\frac{m}{7} = 12$
12. $-4 = k + 19$

1. $x - 8 = 0$

$+8 \quad +8$

$x = 8$

3) $\frac{5}{2} \cdot \frac{-4}{1} = \frac{2}{5} \cdot a$

$\frac{-20}{2} = a$

$-10 = a$