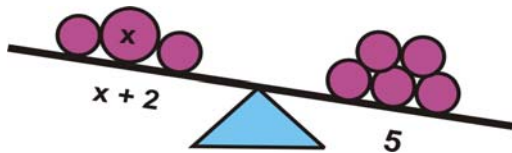


Quiz: Applied Problems of Inequalities

Determine the weight of each person.

1. **Lisa** My weight is 56 Kg.
2. **David** My weight is 5.1 Kg more than Meghan.
3. **Timmy** My weight is 11.3 Kg more than Lisa.
4. **Julie** My weight is 6.5 Kg less than Boomer.
5. **Meghan** My weight is 3.4 Kg less than Alisa.
6. **Boomer** My weight is 4.2 Kg more than Timmy.
7. **Alisa** My weight is 1.4 Kg more than Julie.

Answer the following questions according to figure.



8. What inequality is depicted by this see saw?
9. Solve the inequality for x ?
10. If see-saw line is parallel to ground, then $x = \underline{\hspace{2cm}}$.

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%