

STUDY LINK
6•9

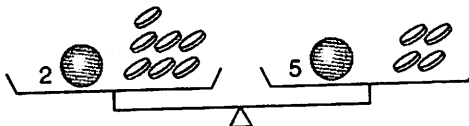
Solving Pan-Balance Problems



Solve these pan-balance problems. In each figure, the two pans are balanced.

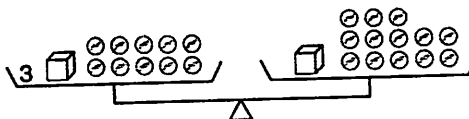
1. One ball weighs

as much as _____ coin(s).



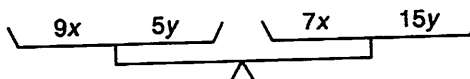
2. One cube weighs

as much as _____ marble(s).



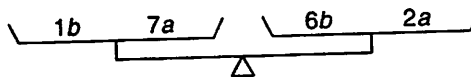
3. One x weighs

as much as _____ y (s).



4. One a weighs

as much as _____ b (s).

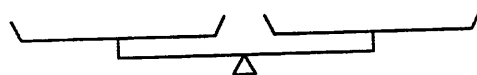


Make up two pan-balance problems for a classmate to solve.

5.



6.



Practice

7. $605 * \frac{1}{10} = 605 \div \underline{\hspace{2cm}}$

8. $72 * \underline{\hspace{2cm}} = 72 \div 4$

9. $\underline{\hspace{2cm}} * 30 = (2 * 30) \div 3$

10. $\underline{\hspace{2cm}} * (x + 5) = \frac{x + 5}{2}$