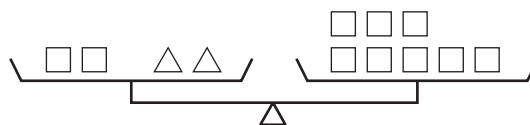


# Pan-Balance Problems

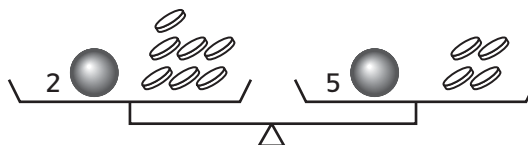


In each figure, the two pans are balanced.  
Solve these pan-balance problems.

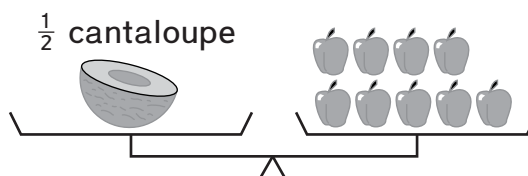
- ① One triangle weighs  
as much as 3 squares.



- ② One ball weighs  
as much as 1 coin(s).  
Note: Remember that 2● means ●●.



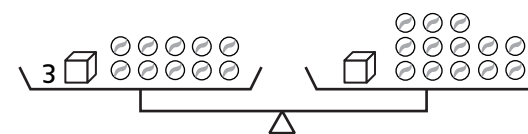
- ③ Two cantaloupes weigh  
as much as 36 apples.



- ④ One cube weighs  
as much as 2 coin(s).



- ⑤ One cube weighs  
as much as 1 1/2 marbles.



## Practice

Solve.

⑥  $1 = \frac{3}{5} * \frac{5}{3}$

⑦  $\frac{1}{6} * 6 = 1$

⑧  $\frac{2}{3} * 1\frac{1}{2} = 1$

⑨  $1 = 1\frac{5}{6} * \frac{6}{11}$