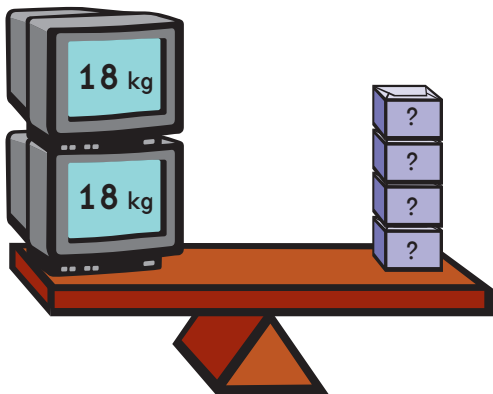


Balancing Act

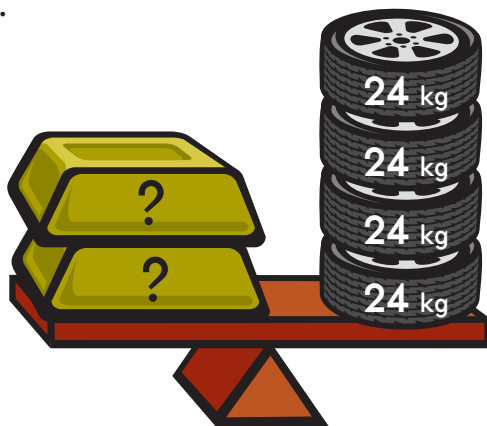
ACTIVITY

1. For each set of scales, the weights on each side have the same total mass. What weights are needed to balance each scale?

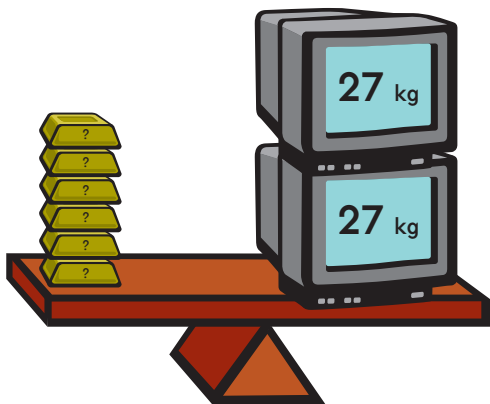
a.



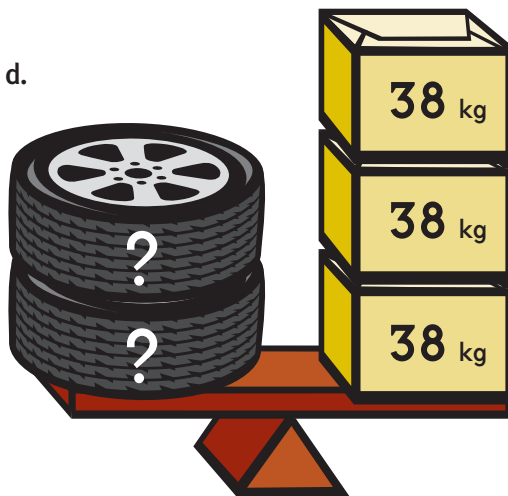
b.



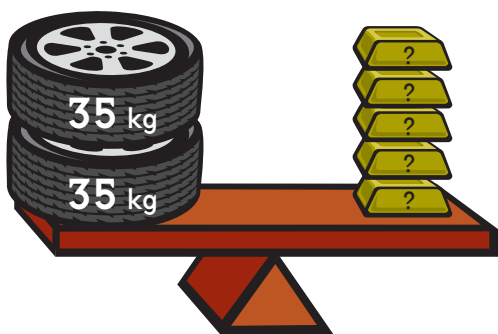
c.



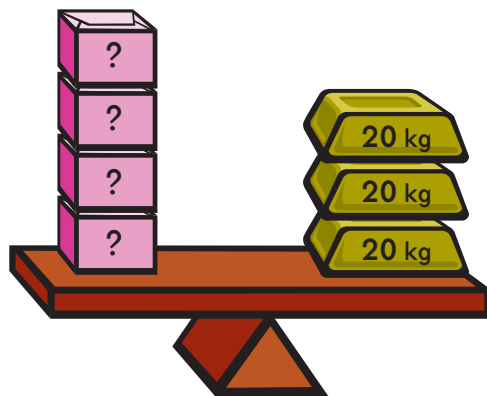
d.



e.

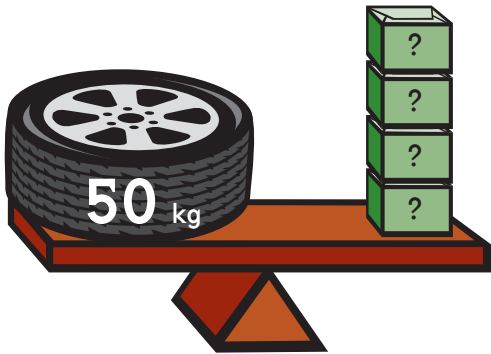


f.

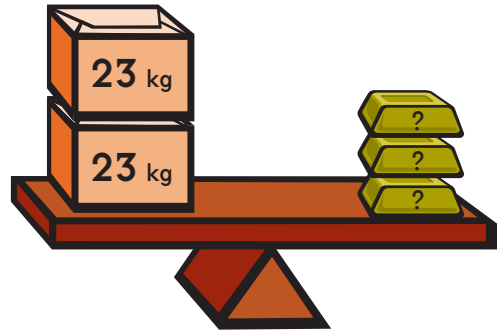




g.

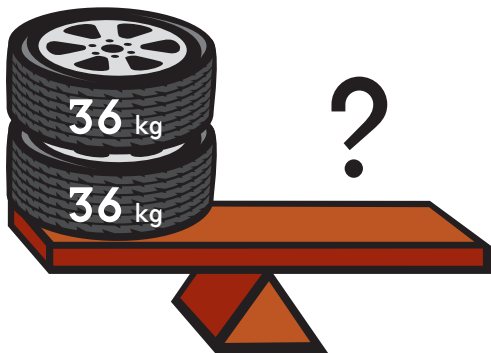


h.

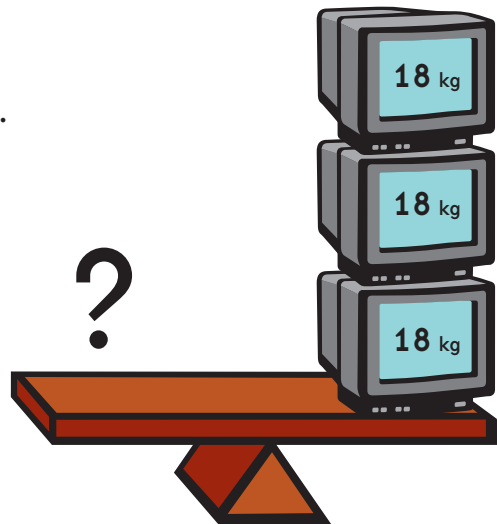


2. How could you balance each scale below using identical weights of the same total mass?

a.



b.



3. Make up some balance problems for a classmate to solve.

