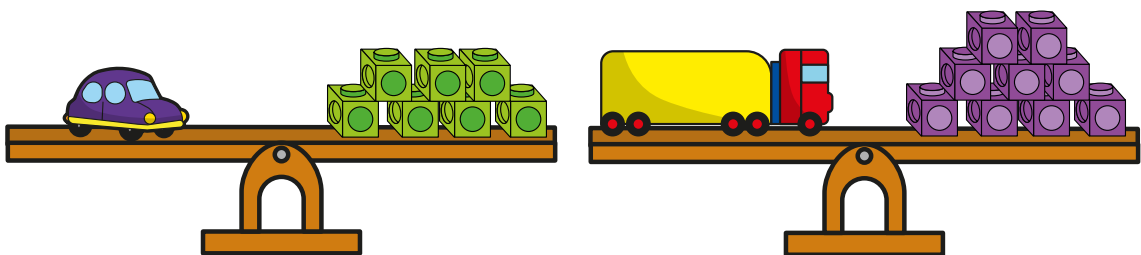
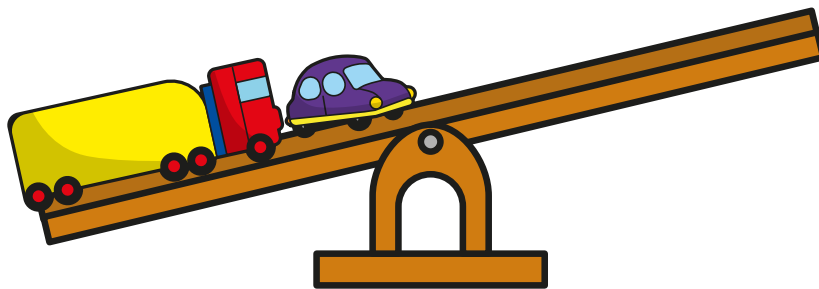


Weight and mass problems

- I** Kim uses cubes to measure the mass of some objects.



- a) How many cubes does she need to balance these scales?



16

cubes

- b) How much heavier is the truck than the car?





2

cubes



2

Mo uses coins to measure the mass of some toy animals.

Toy animal	Mass in coins
sheep 	4
horse 	7
lion 	12
elephant 	19

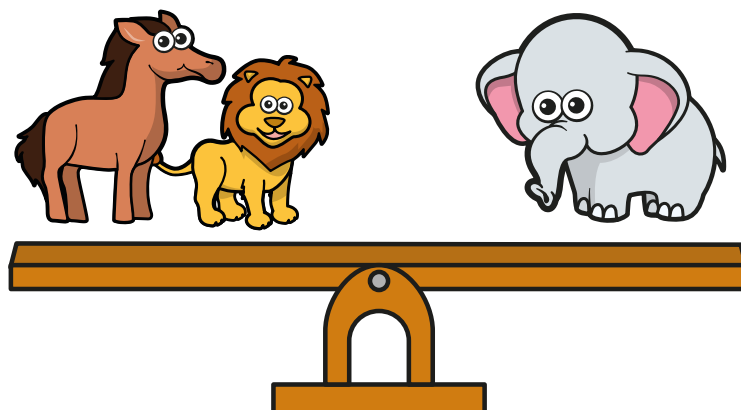
a) What is the total mass of the sheep and the horse?

coins

b) How much heavier is the lion than the horse?

coins

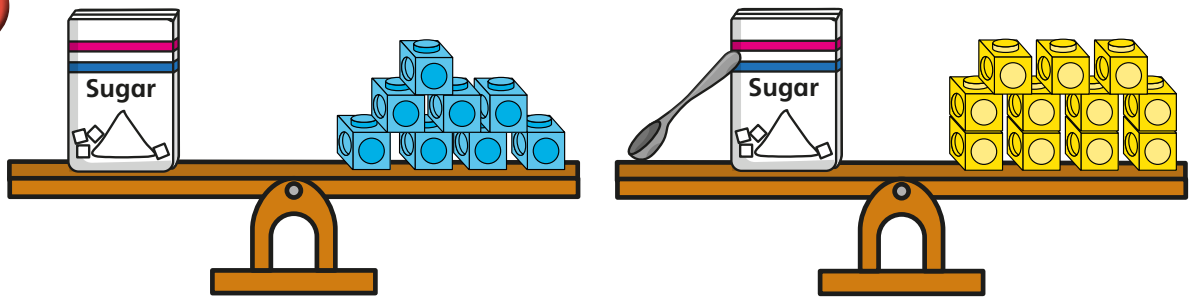
c) Will these scales balance?



yes



3

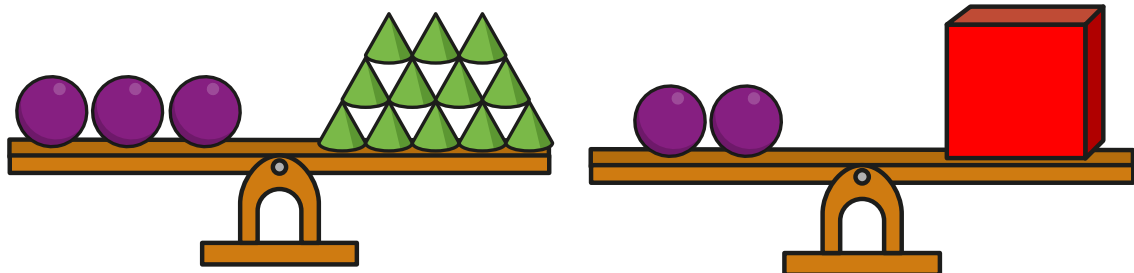


What is the mass of the spoon?

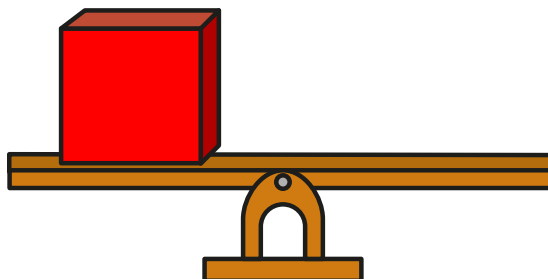
3 cubes

4

Ron balances some 3D shapes.



How many cones will balance these scales?



8 cones

