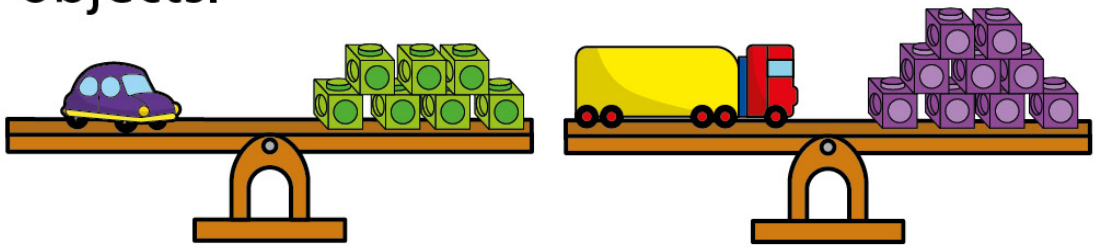
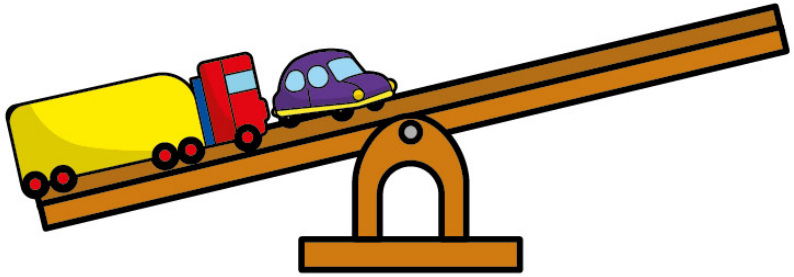
Weight and mass problems

1 Kim uses cubes to measure the mass of some objects.



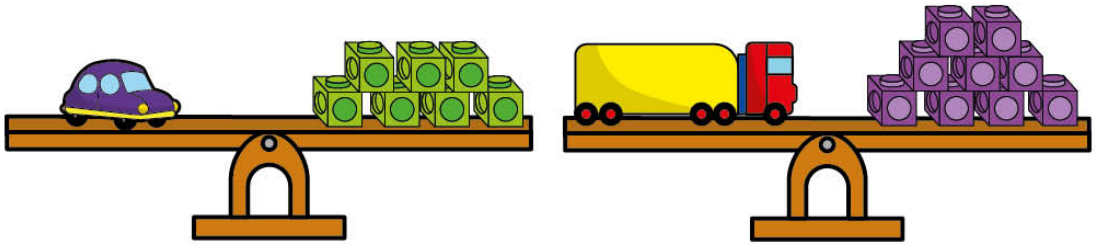
a) How many cubes does she need to balance these scales?



☐ cubes

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1



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

 cubes

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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

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2

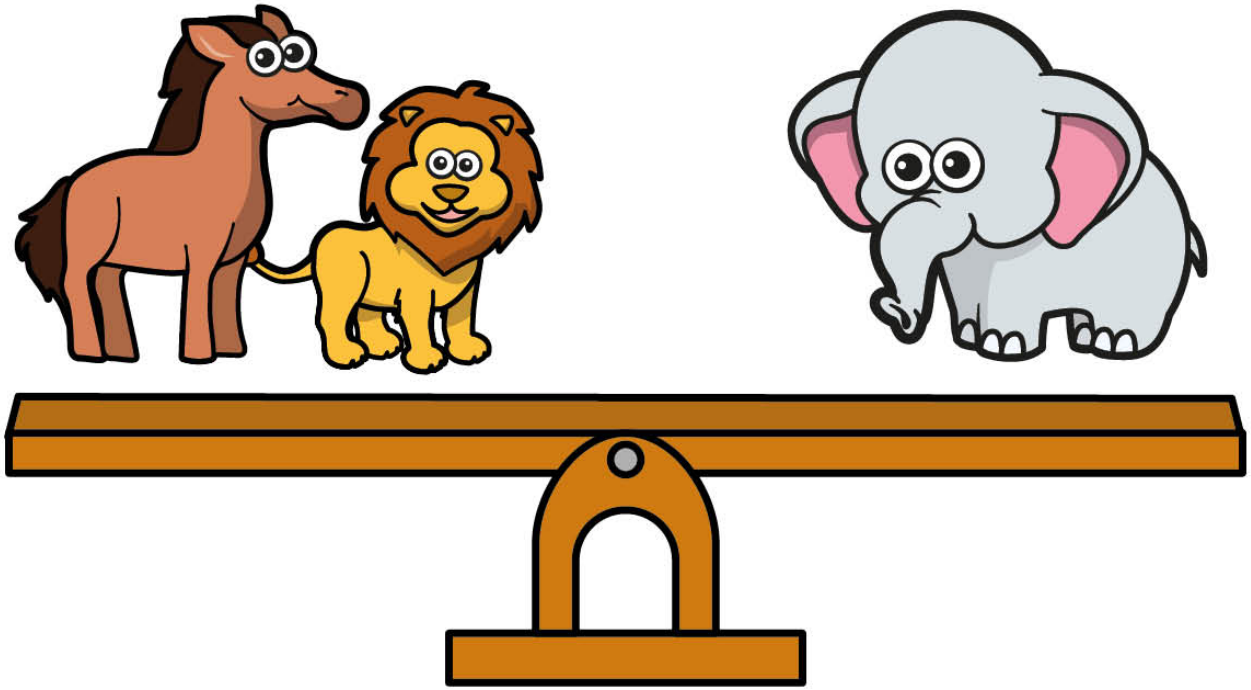
Toy animal	Mass in coins
sheep 	4
horse 	7
lion 	12
elephant 	19

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

coins

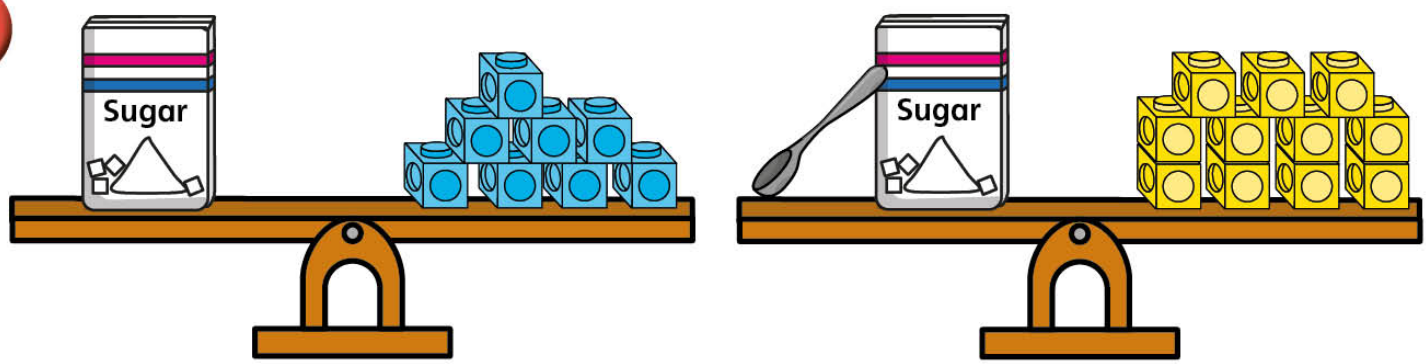
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2 **c)** Will these scales balance?



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3

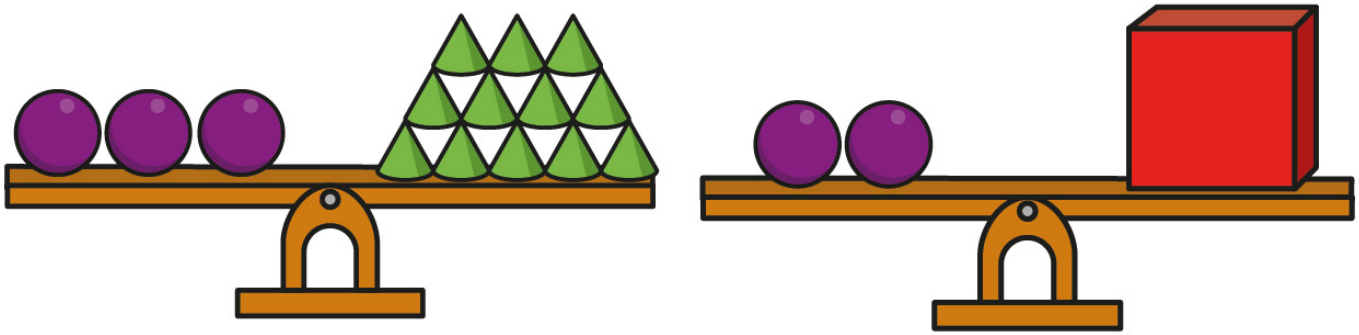


What is the mass of the spoon?

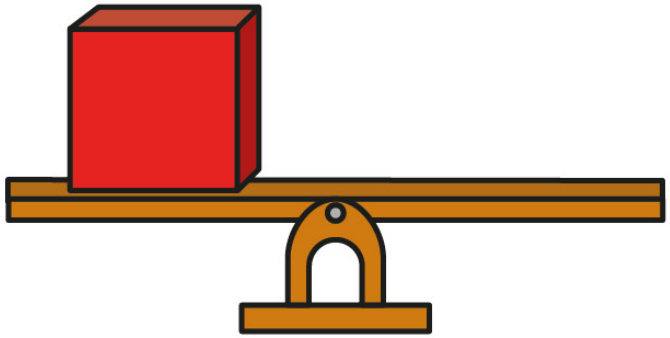
cubes

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4 Ron balances some 3D shapes.



How many cones will balance these scales?



cones

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