

10cm



$$10 \div 2 = 5$$

B



3kg

A



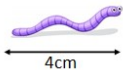
24kg

It has been decreased by a scale factor of 8.

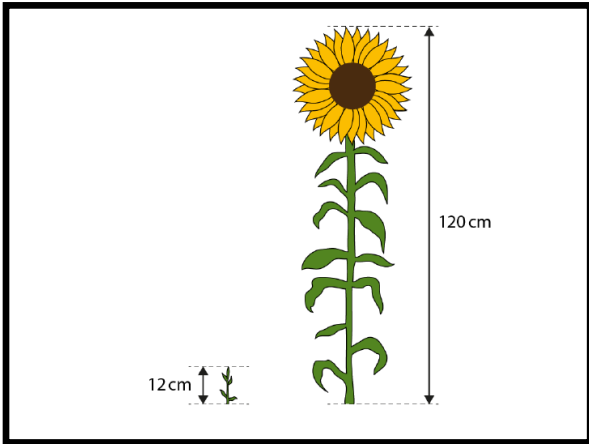


The weight of mother bear is four times the weight of baby bear.

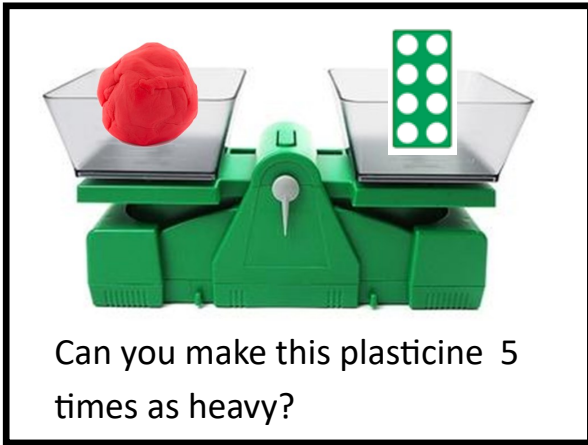
$$25\text{kg} \times 4 = 100\text{kg}$$



It is 3 times as long as its original length.

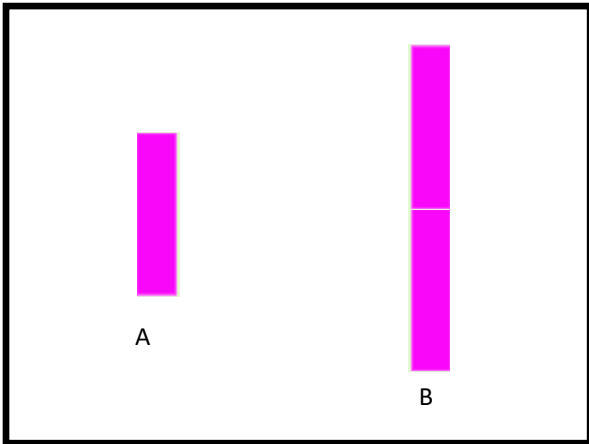


It has increased by a scale factor of 10.

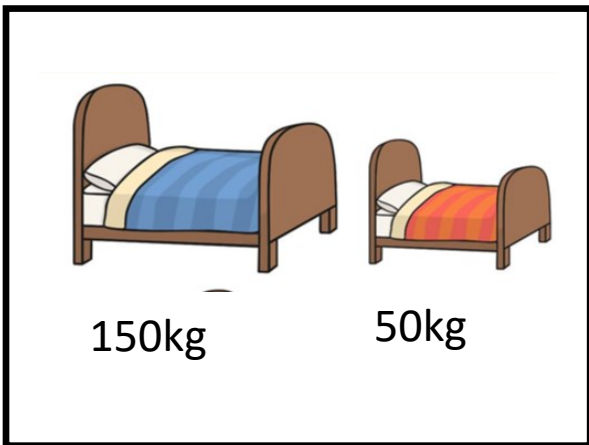


Can you make this plasticine 5 times as heavy?

$$8 \times 5 = 40$$



B is two times as long as A.
B is double the length of A.



The weight of daddy bear has been increased by a scale factor of 3.