



Hi! Can you help me solve some problems in my factory?



A box of Rainbow Nerds weighs 425g. In each pack each colour weighs:
 Yellow = 150g
 Green = 70g
 Pink = 85g
 Purple = 60g

How much do the red nerds weigh in each box?

$$150+70+85+60 = 365$$

$$425-365 = 60$$

$$\text{Red} = 60\text{g}$$



The total weight of a box of Wonka Observatory Collection Truffles = 350g
 Each box contains 12 truffles.
 1 truffle = 25g

What is the total weight of all 12 truffles?

$$12 \times 25 = 300$$

The truffles weigh 300g

What is the weight of the empty box?

$$350 - 300 = 50$$

The empty box weighs 50g



One Laffy Taffy bar weighs 10g.
 Charlie has enough money to buy 450g of Laffy Taffy bars.
 How many bars can he buy?

$$450 \div 10 = 45$$

He has enough money for 45 Laffy Taffy bars



One box of 12 Everlasting Gobstoppers weighs 170g.
 The empty box weighs 14g.
 How much do the 12 gobstoppers weigh?

$$170 - 14 = 156$$

$$156 \div 12 = 13$$

They weigh 156g altogether and 13g each



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Peanut Butter & Jam Bar

One Wonka Inventing Room Peanut Butter & Jam bar weighs 160g.

The ingredients weigh:
Cocoa = 60g
Peanut Butter = 30g
Jam = 30g
Sugar = 40g

What is the total weight of three bars?

$$160 \times 3 = 480g$$

What is the total weight of ingredients needed for three bars?

$$\text{Cocoa} = 60 \times 3 = 180g$$

$$\text{Peanut Butter} = 30 \times 3 = 90g$$

$$\text{Jam} = 30 \times 3 = 90g$$

$$\text{Sugar} = 40 \times 3 = 120g$$



The Golden Chocolate Egg

A small Golden Chocolate Egg weighs 100g.

The ingredients weigh:
Cocoa = 50g
Sugar = 30g
Gold Luster = 20g

Willy Wonka wants to make a giant Golden Chocolate Egg that is 6 times bigger!

What will the giant Golden Chocolate Egg weigh?

$$6 \times 100 = 600g$$

What will the ingredients needed weigh?

$$\text{Cocoa} = 50 \times 6 = 300g$$

$$\text{Sugar} = 30 \times 6 = 1800g$$

$$\text{Gold Luster} = 20 \times 6 = 120g$$