

1. 6 servings

125g flour  
100g sugar  
32g cocoa powder  
2 tsp baking powder  
64 ml milk

3 servings  
(÷ 2)

62.5g flour  
50g sugar  
16g c. powder  
1 tsp. b. powder  
32 ml milk

12 servings  
(× 2)

250g flour  
200g sugar  
64g c. powder  
4 tsp baking powder  
128 ml milk

600 servings  
(× 100)

12,500g flour  
10,000g sugar  
3200g cocoa powder  
200 tsp baking powder  
6400 ml milk

2. a) 
$$\begin{array}{r} 3.5 \\ \times 5 \\ \hline 17.5 \\ \hline \end{array}$$

5 cacao  
beans weigh  
17.5 g.

b)  $3.5 \times 10 = 35$

10 cacao beans weigh  
35 g.

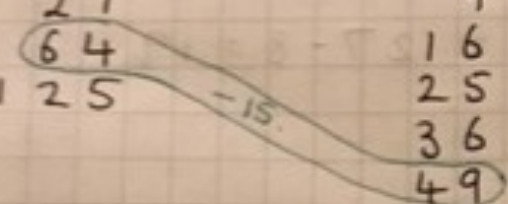
c) 
$$\begin{array}{r} 3.5 \\ \times 25 \\ \hline 17.5 \quad (\times 5) \\ 70.0 \quad (\times 20) \\ \hline 87.5 \end{array}$$

25 cacao  
beans weigh  
87.5 g.

3. 
$$\begin{array}{r} 005 \\ 25 \overline{) 125} \end{array}$$
 It will take the Mayans 5 days to travel to the Great Pyramid of Cholula from Mexico City.

4. 

xbaquique	Ix Quelch
(Cube number)	(Square Number)
1	1
8	4
27	9
64	16
125	25
	36
	49
	64
	81
	100



xbaquique is 64 years old and Ix Quelch is 49 years old.

5. a) 1 week = 7 days.  $7 \times 50 = 350$   
In 1 week, the Mayan warrior drinks 350 ml of hot chocolate.

b) Feb 2021 = 28 days.

$$\begin{array}{r} 28 \\ \times 50 \\ \hline 1400 \\ 4 \end{array}$$
 In February 2021, the Mayan warrior drinks 1400 ml of hot chocolate.

c) 1 year = 365 days.

$$\begin{array}{r} 365 \\ \times 50 \\ \hline 18250 \\ 32 \end{array}$$
 In one year, the Mayan warrior drinks 18,250 ml of hot chocolate.

