

Name: ..... Class: .....

Fraction of a group - word problems

1. Sophia baked 5 batches of cookies. The 4<sup>th</sup> and the 5<sup>th</sup> batch got burnt. What fraction of the batches of cookies got burnt ?



2. A group of 25 students went on a field trip in a tea estate to study the process of tea cultivation. 7 students drank tea on their way back from the field trip. What fraction of students drank tea ?



3. Mr. William is the CEO of a furniture's company. In order to motivate his employees for their hardwork, he took them out for lunch. They ordered 10 plates of salade. 2 of the employees demanded extra cream on their plates. What fraction of the plates of salade had extra cream ?



3. Emily blends 15 cups of orange juice for her upcoming picnic with her friends. She put some juice colouring in 4 cups of the juice. What fraction of juice cups had juice colouring ?



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## Fraction of a group - word problems



1. Sophia baked **5 batches of cookies**. The **4<sup>th</sup>** and the **5<sup>th</sup> batch** got burnt. What fraction of the batches of cookies got burnt ?

- ▶ Sophia baked : **5 batches of cookies** (the denominator is 5).
- ▶ The **4<sup>th</sup>** and the **5<sup>th</sup> batch**. Applying that : **2 batches got burnt**. (the numerator is 2).

Therefore, **2 out of 5 batches of cookies got burnt**  
= **2/5 batches of cookies got burnt**.

2. A group of **25 students** went on a field trip in a tea estate to study the process of tea cultivation. **7 students** drank tea on their way back from the field trip. What fraction of students drank tea ?

- ▶ **7 out of 25 students** drank tea.

Therefore, a fraction of **7/25 students** drank tea.



3. Mr. William is the CEO of a furniture's company. In order to motivate his employees for their hardwork, he took them out for lunch. They ordered 10 plates of salade. 2 of the employees demanded extra cream on their plates. What fraction of the plates of salade had extra cream ?

- ▶ **2 out of 10 plates** had extra cream.

Therefore, a fraction of **2/10 plates of salad** had extra cream.



3. Emily blends 15 cups of orange juice for her upcoming picnic with her friends. She put some juice colouring in 4 cups of the juice. What fraction of juice cups had juice colouring ?

- ▶ **4 out of 15 cups** of orange juice had juice colouring.

Therefore, a fraction of **4/15 cups of orange juice** had juice colouring.

