Subject: maths **30.07.2920**

Class: 4

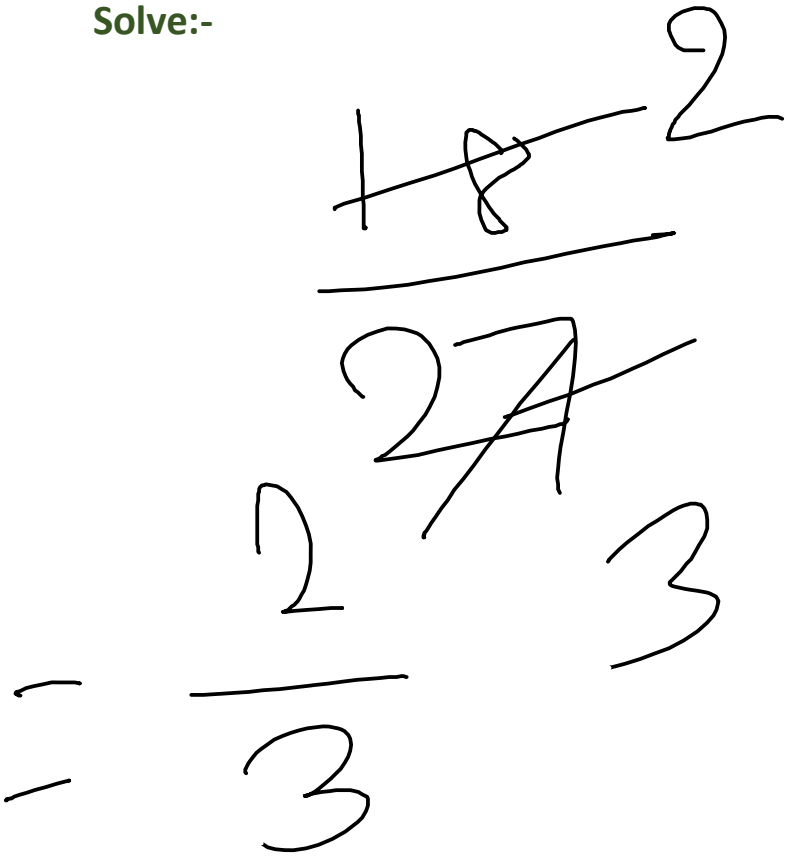
Lesson 8ब **Decimal and Fractions**

Dear students

आप निश्चित रुप से fraction को समझने में problem feeling कर रहे हैं ।कुछ बच्चेग्रुप में अपना problem भी share कर रहे हैं so i think if you are feeling problem means you are on right way.आज फिर से fraction को lowest term में change करना सीखेंगे ।

Ex – Reduce 18/27 to its simplest form.

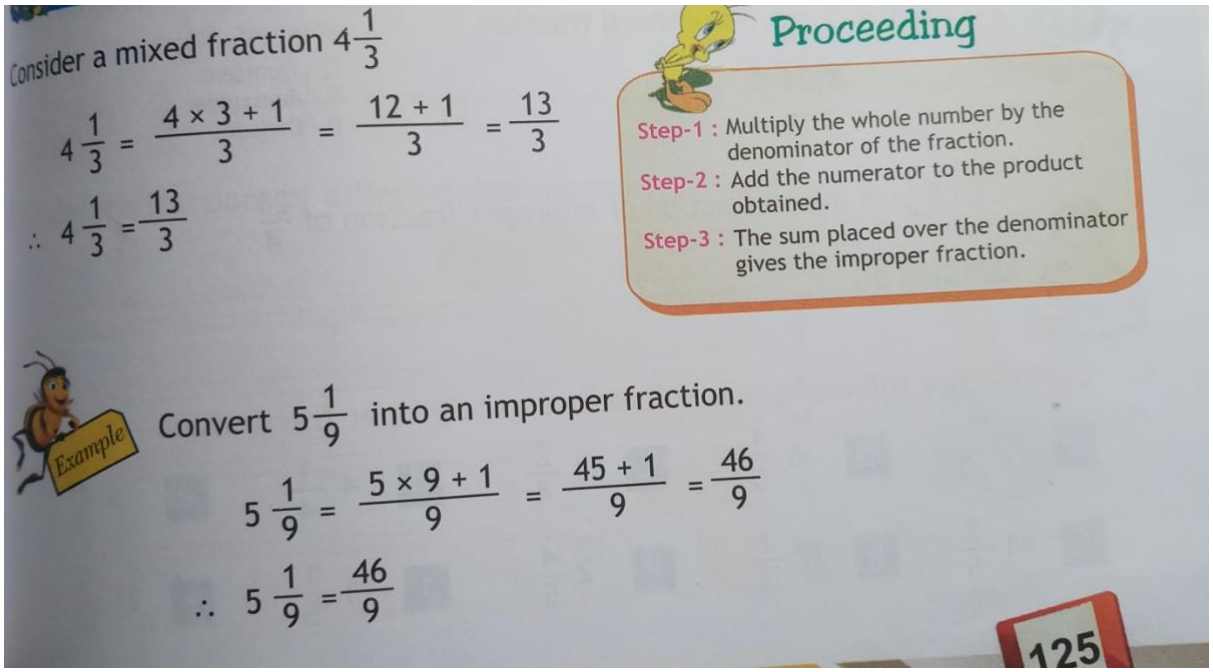
Solve:-



That means 18/27=2/3

Ex:- Convert 5 1/9 into an improper fraction:-

Solve :-



Consider a mixed fraction $4\frac{1}{3}$

$$4\frac{1}{3} = \frac{4\times 3+1}{3} = \frac{12+1}{3} = \frac{13}{3}$$

$$\therefore 4\frac{1}{3} = \frac{13}{3}$$

Proceeding

Step-1 : Multiply the whole number by the denominator of the fraction.

Step-2 : Add the numerator to the product obtained.

Step-3 : The sum placed over the denominator gives the improper fraction.

Example

Convert $5\frac{1}{9}$ into an improper fraction.

$$5\frac{1}{9} = \frac{5\times 9+1}{9} = \frac{45+1}{9} = \frac{46}{9}$$

$$\therefore 5\frac{1}{9} = \frac{46}{9}$$

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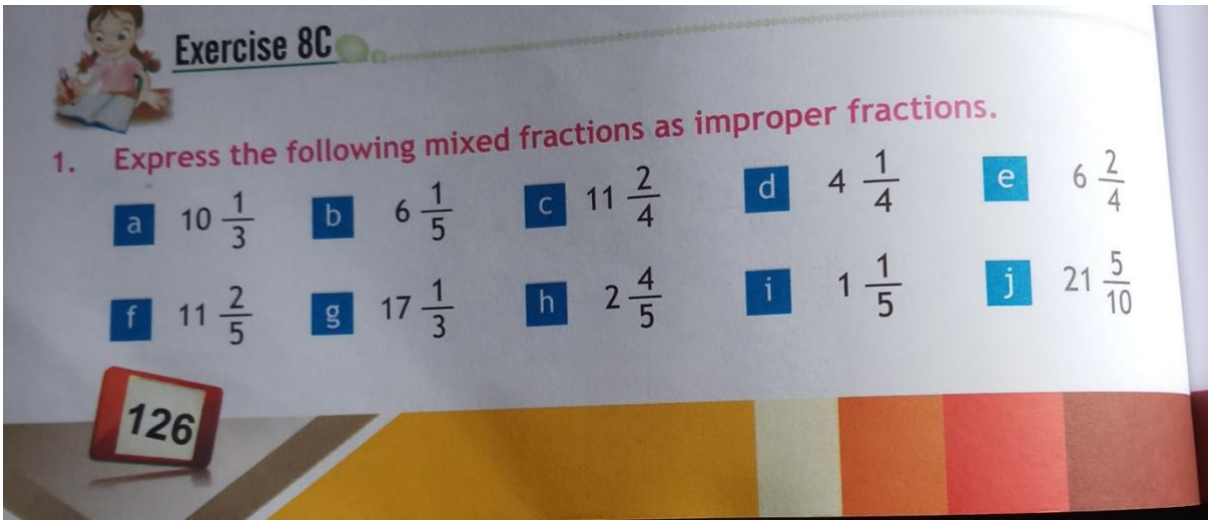
Home assignments:-



Exercise 8C

1. Express the following mixed fractions as improper fractions.

a $10\frac{1}{3}$ b $6\frac{1}{5}$ c $11\frac{2}{4}$ d $4\frac{1}{4}$ e $6\frac{2}{4}$

f $11\frac{2}{5}$ g $17\frac{1}{3}$ h $2\frac{4}{5}$ i $1\frac{1}{5}$ j $21\frac{5}{10}$

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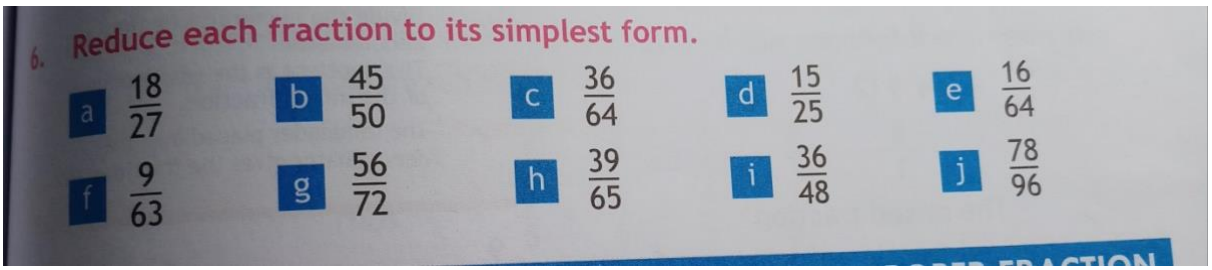

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