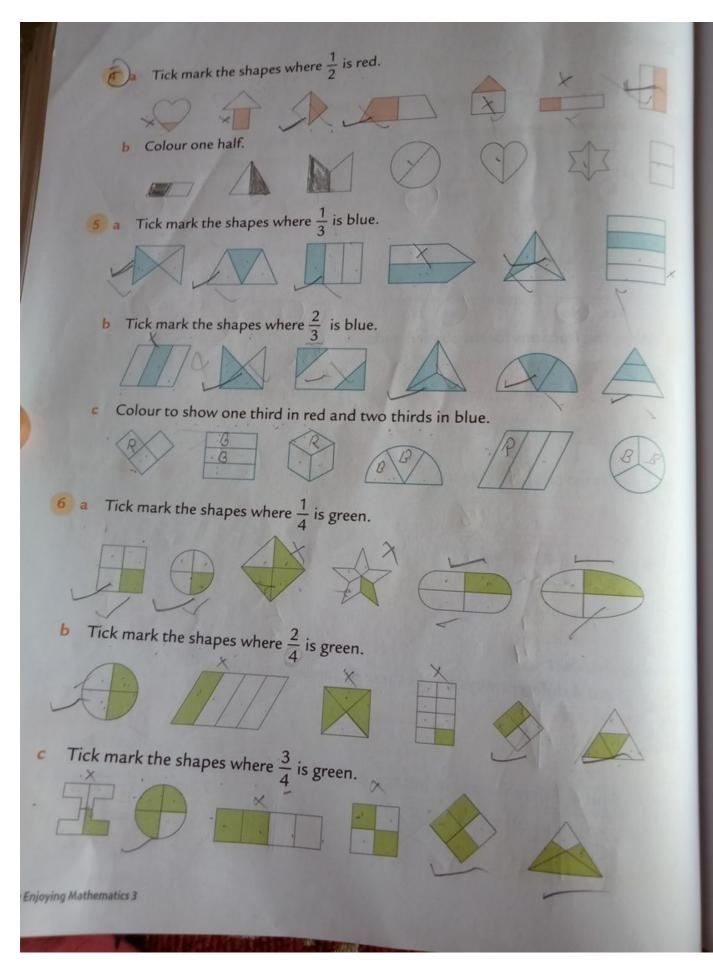
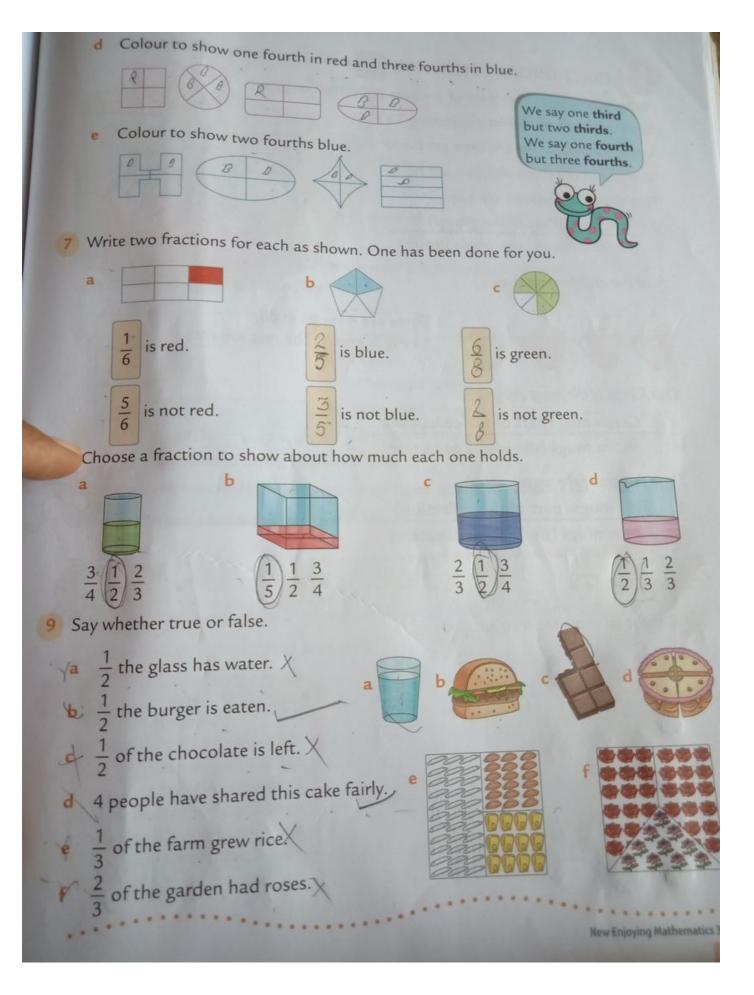
Exercise 7A 1 Ring yes for equal parts and no for unequal parts. Yes (No) Yes) No Yes No Yes (No) Yes No Yes No No 2 Write the fractions for the shaded parts. 2 green parts 3 equal parts in all Find 4 different ways to put these rectangles into halves. b Find 4 different ways to put these squares into quarters.





Fractions also refer to part of a whole collection or gr Look at the three children watching TV. What fraction of the children are boys? Two out of the three children are boys. Two thirds of children are boys. Boys (Part of the group)

Children in all (the whole group)

 $\frac{2}{3}$ of the children are boys.



There are 4 mugs in all. 1 mug is green. The rest are red.

One fourth of the mugs are green.

- Green mug (part of the collection)
- All the mugs (the whole collection)

Three fourths of the mugs are red.

- Red mugs (part of the collection)
- All the mugs (the whole collection)

We do not say $\frac{1}{4}$ of the mugs is green, because we are referring to a collection!



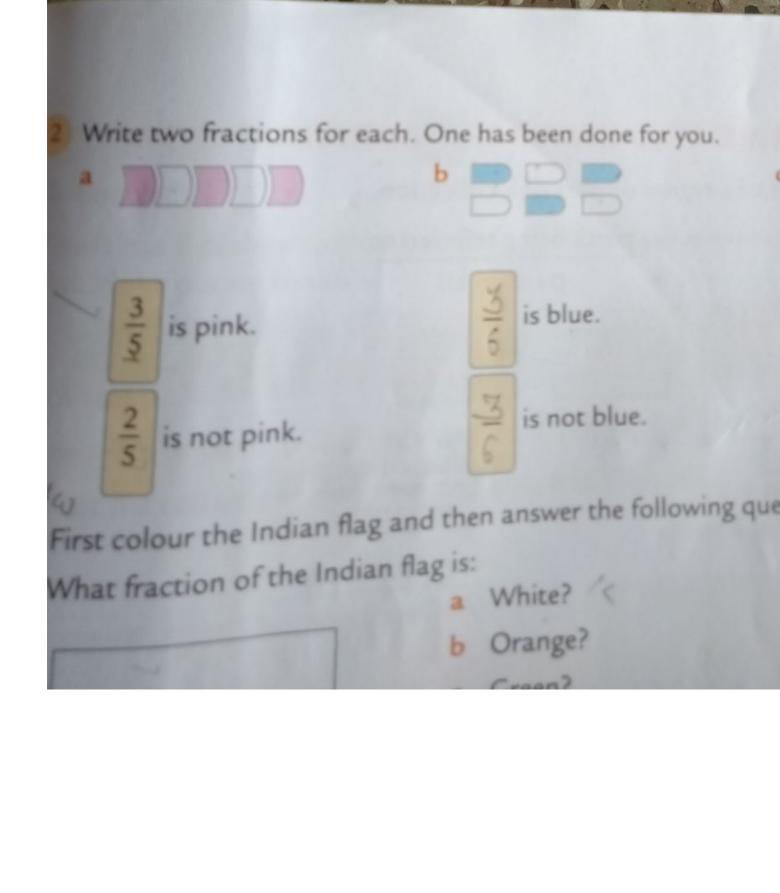
Exercise 7B

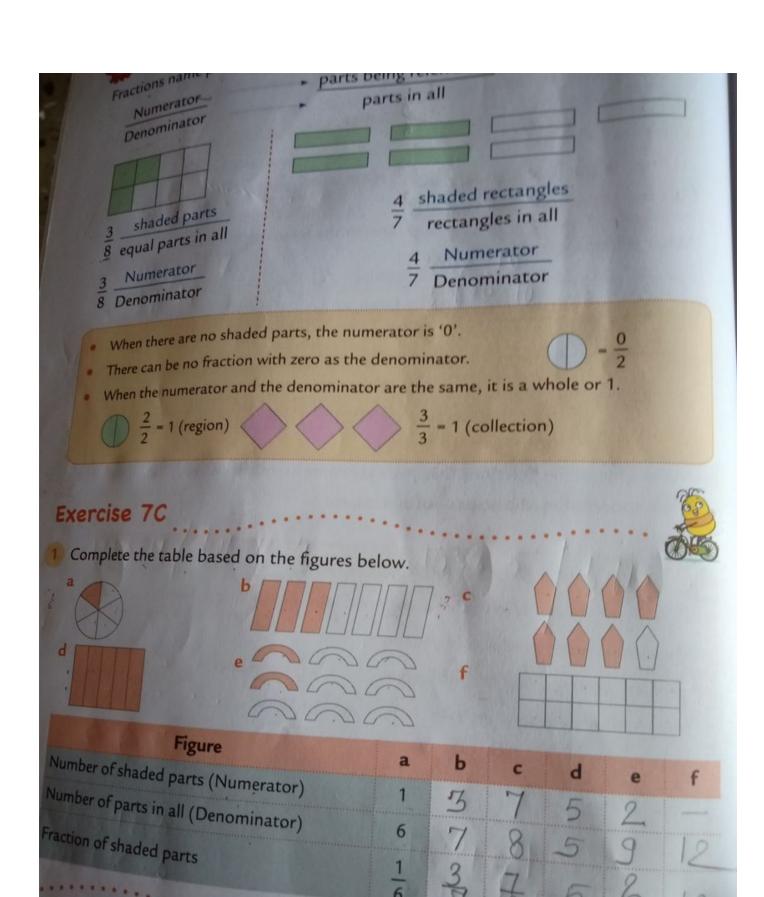
1 Colour to show the fraction.

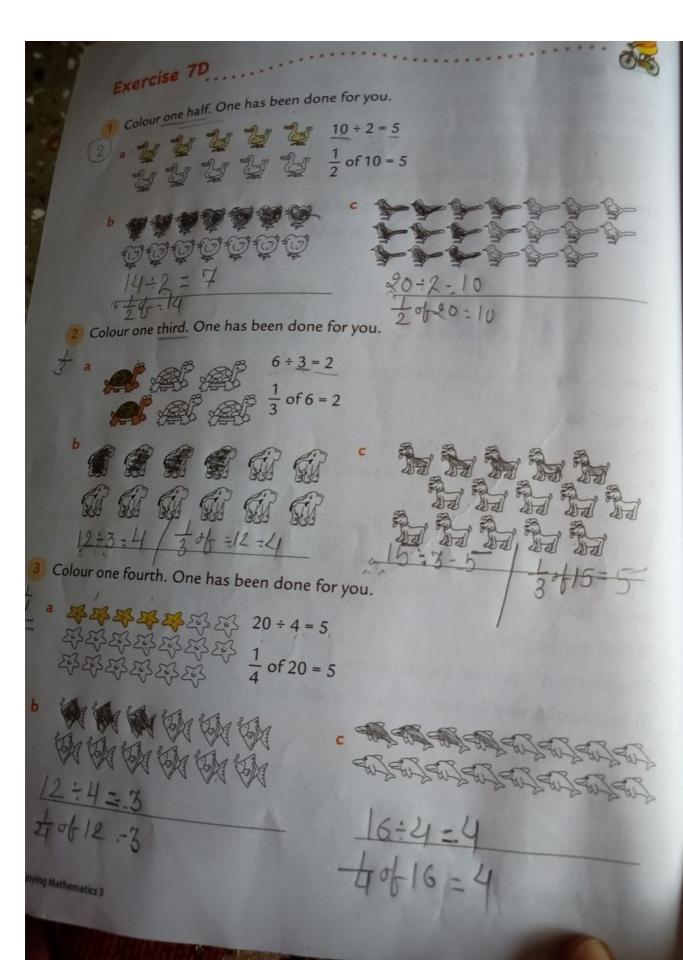
	3 4
0 00	1/3
1000	$\frac{1}{4}$
	1 2
	2

Half a chocolate is as tasty as a full chocolate, but half a 10-rupee note is of no use. Find three things that can be used if you put them in halves and three things that cannot be used if put into halves.

New Enjoying Mathematics 3







$$\frac{1}{4}$$
 of $\frac{36-4-9}{4}$

b
$$\frac{1}{3}$$
 of $18 = \frac{18 \div 3}{2} = \frac{6}{3}$

e
$$\frac{1}{2}$$
 of 20 = $20 \div 2 = 10$

$$\frac{1}{2}$$
 of $816 = \frac{16}{2} = 8$

$$f = \frac{1}{3}$$
, of 30 = $\frac{30 \div 3}{3}$

Solve the following. $36 \div 4 = 9$ b $\frac{1}{3} \circ 618 = \frac{1}{2} \circ 618 = \frac{1}{2$ Use the pictures to solve. Prices are given for 1 kg.









₹ 26

₹ 24

₹ 32

₹ 40



½ kg apples for ₹ 13

1/4 kg chikoos for ₹ 40/32 = 8

1 kg mangoes for ₹ 40

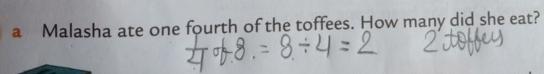
I spent ₹ 13+8+40=



1/3 kg grapes for ₹ 3 +24 = 2 8 1/2 kg mangoes for ₹ 1/0-40-2

 $\frac{1}{2}$ kg chikoos for $\stackrel{1}{\cancel{\sim}} \frac{1}{\cancel{\sim}} \frac{32}{\cancel{\sim}} \frac{32}{\cancel{\sim}} \frac{1}{\cancel{\sim}} \frac{1}{\cancel{\sim}} \frac{32}{\cancel{\sim}} \frac{1}{\cancel{\sim}} \frac{1}{\cancel{\sim$

I spent ₹ 20+16+3=





Ajay bought 5 cans of paints and used 3 cans. What fraction of the paint did he use? 4



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