

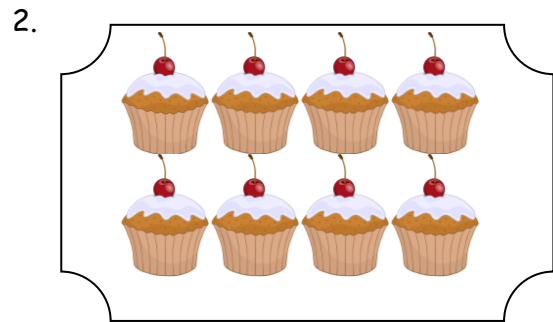
Monday 30<sup>th</sup> March - To find fractions of numbers or amounts

Look at these trays of cakes. You buy a fraction of each tray or cakes.

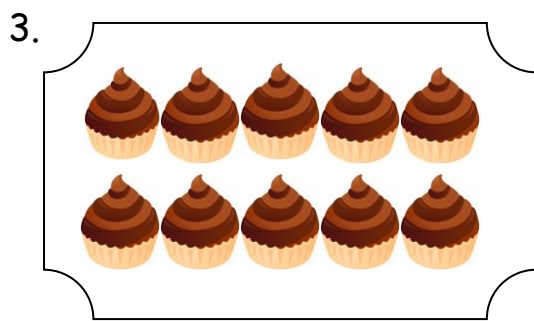
Work out how many cakes you buy. To find a fraction of an amount you must divide by the denominator so to find  $\frac{1}{2}$  divide by 2, to find  $\frac{1}{4}$  divide by 4, to find  $\frac{1}{5}$  divide by 5. Use the pictures to help.



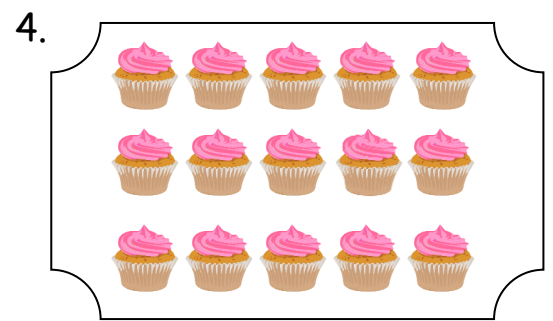
$\frac{1}{2}$  of 6 =



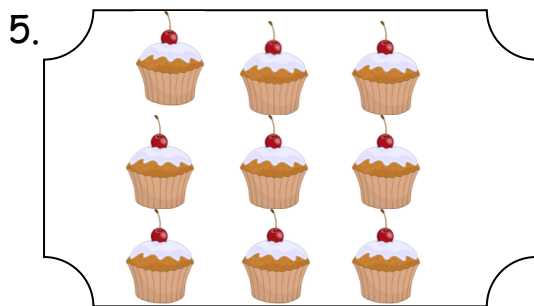
$\frac{1}{4}$  of 8 =



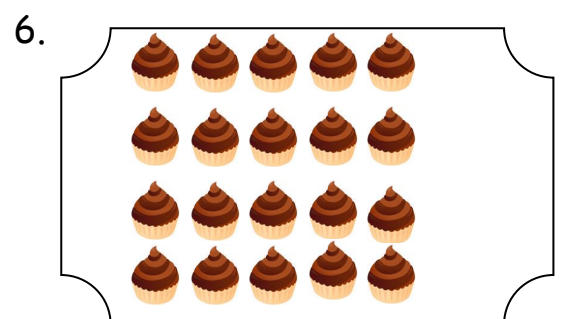
$\frac{1}{5}$  of 10 =



$\frac{1}{5}$  of 15 =



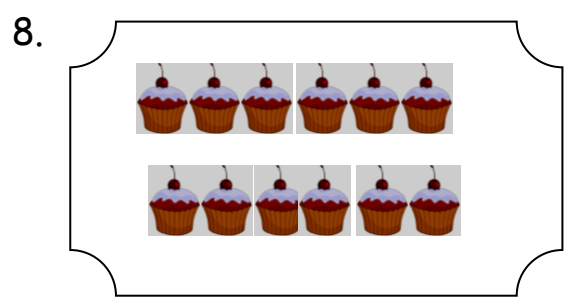
$\frac{1}{3}$  of 9 =



$\frac{1}{5}$  of 20 =



$\frac{1}{3}$  of 18 =



$\frac{1}{4}$  of 12 =

NOW try this: (HINT - Draw pictures if it helps!)

9. Find  $\frac{1}{3}$  of 15

10. find  $\frac{1}{8}$  of 40

11. find  $\frac{1}{4}$  of 16

12. find  $\frac{1}{6}$  of 30

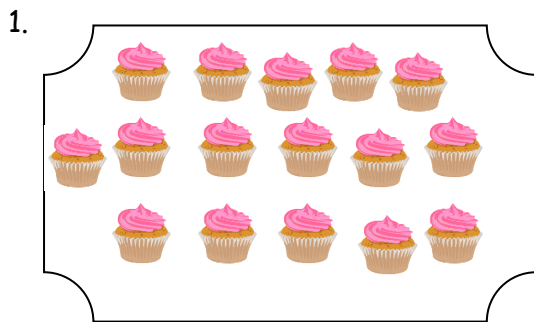
13. find  $\frac{1}{10}$  of 30

14. find  $\frac{1}{9}$  of 45

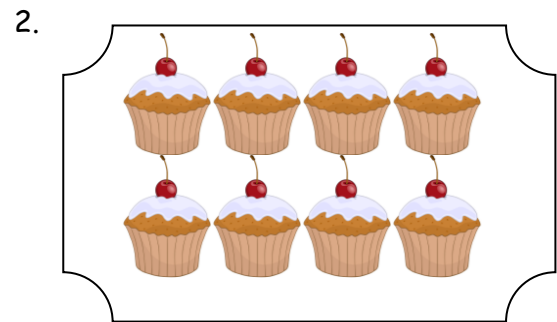


## Part 2

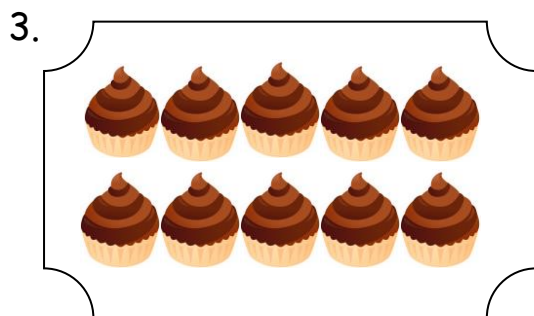
This time as well as dividing by the denominator, you will also need to multiply by the numerator so to find  $\frac{3}{4}$  of 20 you need to divide by 4 = 5 and then multiply 5 by 3 = 15 so  $\frac{3}{4}$  of 20 = 15.



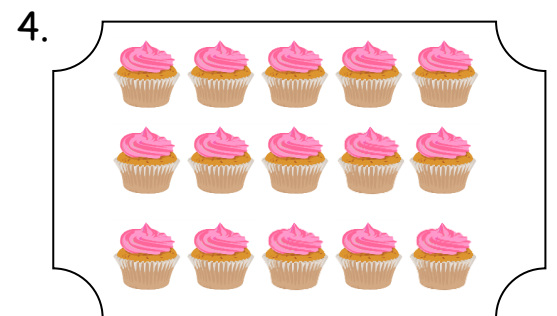
$$\frac{1}{4} \text{ of } 16 = \quad \frac{3}{4} \text{ of } 16 =$$



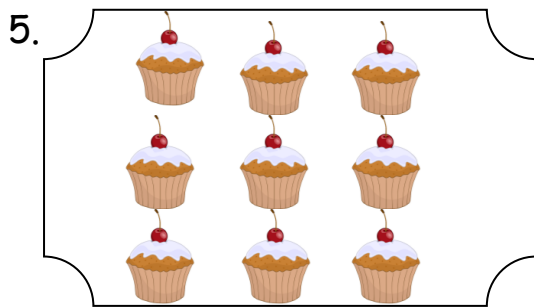
$$\frac{1}{4} \text{ of } 8 = \quad \frac{3}{4} \text{ of } 8 =$$



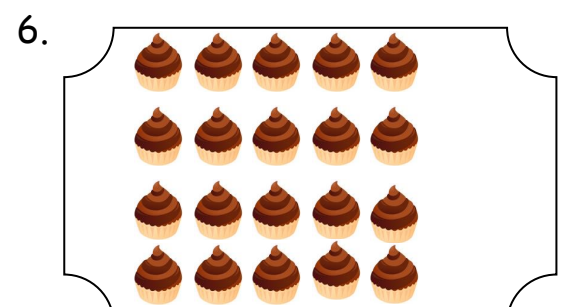
$$\frac{1}{5} \text{ of } 10 = \quad \frac{3}{5} \text{ of } 10 =$$



$$\frac{1}{5} \text{ of } 15 = \quad \frac{4}{5} \text{ of } 15 =$$



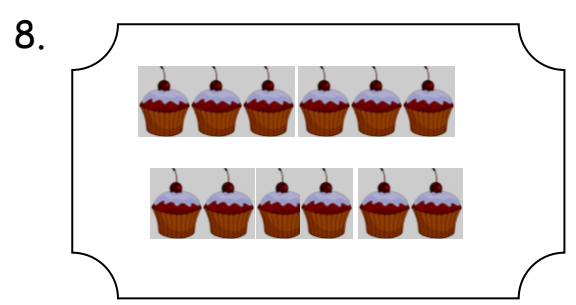
$$\frac{1}{3} \text{ of } 9 = \quad \frac{2}{3} \text{ of } 9 =$$



$$\frac{1}{5} \text{ of } 20 = \quad \frac{3}{5} \text{ of } 20 =$$



$$\frac{1}{3} \text{ of } 18 = \quad \frac{2}{3} \text{ of } 18 =$$



$$\frac{1}{4} \text{ of } 12 = \quad \frac{3}{4} \text{ of } 12 =$$

NOW try this: (HINT - Remember to multiply by the numerator after dividing by the denominator).



9. find  $\frac{2}{5}$  of 25

10. find  $\frac{3}{4}$  of 44 =

11. find  $\frac{2}{3}$  of 27

12. find  $\frac{3}{5}$  of 65

13. find  $\frac{7}{10}$  of 50

14. Find  $\frac{4}{6}$  of 36

# ANSWERS

## Part 1

1. 3
2. 2
3. 2
4. 3
5. 3
6. 4
7. 6
8. 3
9. 5
10. 5
11. 4
12. 5
13. 3
14. 9

## Part 2

1. 12
2. 6
3. 6
4. 12
5. 6
6. 12
7. 12
8. 9
9. 10
10. 33
11. 18
12. 39
13. 35
14. 24