GRAYS TUITION CENTRE – Online Tutoring

WEEK: 10

Week Beginning: (22/02/2021)

Subject: MATHS

Year: 3

Lesson Objective:

- Understand how to work out fractions of numbers and how to use basic operations to work out fractions
- Be able to use basic operations to work out fractions of numbers

Class Worksheets

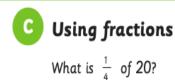
• The tutor shall work through the first few sheets with the students explaining what fraction of a number is and then the tutor will explain how to work out fraction of a number using examples

Homework

• The homework will be similar to the class work to make sure the students have a good understanding of the class work; the questions vary from easy to hard so that the students can challenge themselves

Additional Notes

- All lesson worksheets and **homework for next week (due Week 11)** worksheets can be found below
- If the students have any questions, we can address those first before moving on to today's lesson plan
- Week 9 homework will be marked in lesson hence make sure it is fully complete





To find out, we need to **split 20** into **4** equal groups. This is the same as $20 \div 4 = 5$

Finding fractions of amounts

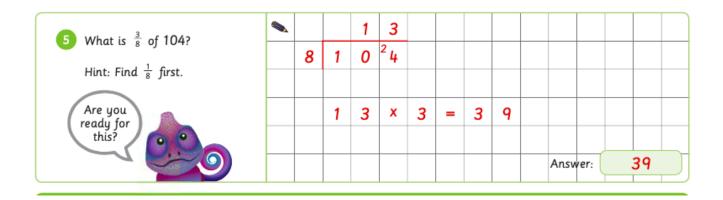
How to do it: Remember this rule. Example : Find $\frac{2}{5}$ of £75

Divide by the bottom. Times by the top.

Step 1: Divide £75 by 5

(bottom of fraction or denominator) = 15 Step 2: Times 15 by 2

(top of fraction or numerator) = £30



$\frac{1}{2}$ of 20 =	$\frac{2}{3}$ of 24 =	- <mark>7</mark> of 63 =
- <u>1</u> of 20 =	$\frac{2}{3}$ of 6 =	- <u>1</u> of 32 =
-1 2 of 20 =	$\frac{3}{4}$ of 20 =	-5 6 of 42 =
- <u>1</u> of 36 =	-5 8 of 24 =	- <u>1</u> of 7 =
- <u>1</u> of 36 =	- <u>1</u> of 27 =	
- 1 2 of 4 =	- <u>1</u> of 16 =	-5 6 of 6 =

Can you write down the answers to these questions?

a)
$$\frac{1}{2}$$
 of 30
b) $\frac{1}{3}$ of 12
c) $\frac{1}{8}$ of 24
d) $\frac{1}{2}$ of 42
e) $\frac{1}{3}$ of 39
f) $\frac{1}{8}$ of 88

How many would $\frac{1}{4}$ of 36 beads be? How many would $\frac{1}{3}$ of 36 beads be? How many would $\frac{1}{8}$ of 64 beads be?







Homework:

Complete the following sums:

1)	² / ₃ of 9 =	2)	3 of 40 =
3)	<u>3</u> म of 12 =	4)	² / ₃ of 18 =
5)	<u>3</u> 10 of 80 =	6)	² / ₃ of 27 =
7)	<u> 3</u> म of 16 =	8)	4 10 of 90 =
9)	² / ₃ of 36 =	10)	² / ₅ of 15 =
11)	3 5 of 30 =	12)	7 10 of 100 =
13)	4 5 of 45 =	14)	<u>ਤੋਂ</u> of 40 =

9. What is $\frac{4}{5}$ of 45? 1. What is $\frac{1}{5}$ of 35? 2. What is $\frac{2}{4}$ of 24? 10. What is $\frac{1}{3}$ of 12? 3. What is $\frac{1}{3}$ of 36? 11. What is $\frac{2}{4}$ of 40? 4. What is $\frac{2}{4}$ of 8? 12. What is $\frac{3}{5}$ of 25? 5. What is $\frac{3}{5}$ of 20? 13. What is $\frac{1}{3}$ of 39? 6. What is $\frac{2}{3}$ of 21? 14. What is $\frac{2}{4}$ of 32? 15. What is $\frac{2}{5}$ of 50? 7. What is $\frac{1}{3}$ of 6? 8. What is $\frac{3}{4}$ of 48? 16. What is $\frac{1}{3}$ of 21?