

# GRAYS TUITION CENTRE – Online Tutoring

**WEEK: 3**

**Week Beginning: (04/01/2021)**

**Subject: MATHS**

**Year: 4**

## **Lesson Objective:**

- Be able to identify what fractions is: numerator and denominator
- Be able to add and subtract fractions
- Develop a clear method to work out which fraction is bigger or smaller

## **Class Worksheets**

- I will use whiteboard to display own examples – to develop students understanding of addition and subtraction of fractions
- Fraction Worksheet

## **Homework**

- Complete ‘comparing fractions’ Worksheet

## **Additional Notes**

- Week 2 homework will be marked in lesson
- All lesson worksheets and **homework for next week (due Week 4)** worksheets can be found below
- Additional worksheets will be displayed using the whiteboard

1) Make each number sentence correct using =, < or >.

$$\frac{3}{4} \bigcirc \frac{1}{2}$$

$$1\frac{3}{4} \bigcirc 2\frac{1}{2}$$

$$\frac{2}{4} \bigcirc \frac{1}{2}$$

$$\frac{3}{8} \bigcirc \frac{1}{2}$$

$$\frac{3}{2} \bigcirc 1\frac{1}{2}$$

$$\frac{2}{5} \bigcirc \frac{4}{10}$$

$$\frac{3}{4} \bigcirc \frac{3}{8}$$

$$3\frac{3}{4} \bigcirc 3\frac{3}{8}$$

$$\frac{2}{5} \bigcirc \frac{5}{10}$$

Pick 3 of your answers and explain **clearly** why you think you are correct.

2) Use the following numbers to make these equations correct:

16	15	21	7	12	2	16	12	19	4	3
$\frac{\square}{8}$	=	$\frac{\square}{40}$					$\frac{\square}{8}$	<	$\frac{\square}{12}$	
$\frac{\square}{15}$	>	$\frac{\square}{25}$					$\frac{\square}{10}$	>	$\frac{\square}{35}$	
$\frac{\square}{6}$	<	$\frac{\square}{21}$					$\frac{\square}{16}$	>	$\frac{\square}{48}$	

Justify your answers.

3) Write down two fractions where the denominator of one is a multiple of the other denominator.

Which is the larger fraction?

Explain your reasoning.

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Ordering Fractions Worksheet

Order the fractions from smallest to greatest.

<b>1 a.</b> $\frac{8}{9}$ , $\frac{1}{2}$ , $\frac{9}{11}$	<b>1 b.</b> $\frac{5}{12}$ , $\frac{12}{12}$ , $\frac{1}{12}$
<b>2 a.</b> $\frac{1}{2}$ , $\frac{4}{9}$ , $\frac{4}{4}$	<b>2 b.</b> $\frac{3}{11}$ , $\frac{3}{3}$ , $\frac{7}{11}$
<b>3 a.</b> $\frac{5}{4}$ , $\frac{1}{2}$ , $\frac{4}{9}$	<b>3 b.</b> $\frac{5}{6}$ , $\frac{11}{6}$ , $\frac{4}{6}$
<b>4 a.</b> $\frac{2}{4}$ , $\frac{6}{4}$ , $\frac{3}{4}$	<b>4 b.</b> $\frac{2}{5}$ , $\frac{7}{7}$ , $\frac{10}{9}$
<b>5 a.</b> $\frac{1}{1}$ , $\frac{11}{1}$ , $\frac{12}{1}$	<b>5 b.</b> $\frac{1}{10}$ , $\frac{1}{3}$ , $\frac{1}{2}$

## Homework Questions:

Name \_\_\_\_\_

Date \_\_\_\_\_



### COMPARING FRACTIONS SHEET 4

Use the correct symbol  $>$ ,  $<$  or  $=$  to show how the fractions compare.

- |     |                |                      |                 |     |                |                      |                 |
|-----|----------------|----------------------|-----------------|-----|----------------|----------------------|-----------------|
| 1)  | $\frac{1}{5}$  | <input type="text"/> | $\frac{3}{8}$   | 13) | $\frac{5}{9}$  | <input type="text"/> | $\frac{4}{7}$   |
| 2)  | $\frac{2}{3}$  | <input type="text"/> | $\frac{3}{7}$   | 14) | $\frac{9}{11}$ | <input type="text"/> | $\frac{4}{5}$   |
| 3)  | $\frac{9}{10}$ | <input type="text"/> | $\frac{7}{8}$   | 15) | $\frac{9}{12}$ | <input type="text"/> | $\frac{3}{4}$   |
| 4)  | $\frac{2}{5}$  | <input type="text"/> | $\frac{3}{11}$  | 16) | $\frac{4}{9}$  | <input type="text"/> | $\frac{3}{8}$   |
| 5)  | $\frac{5}{6}$  | <input type="text"/> | $\frac{7}{9}$   | 17) | $\frac{5}{12}$ | <input type="text"/> | $\frac{3}{7}$   |
| 6)  | $\frac{4}{5}$  | <input type="text"/> | $\frac{12}{15}$ | 18) | $\frac{2}{3}$  | <input type="text"/> | $\frac{9}{11}$  |
| 7)  | $\frac{6}{11}$ | <input type="text"/> | $\frac{5}{8}$   | 19) | $\frac{5}{7}$  | <input type="text"/> | $\frac{3}{5}$   |
| 8)  | $\frac{2}{9}$  | <input type="text"/> | $\frac{1}{5}$   | 20) | $\frac{6}{11}$ | <input type="text"/> | $\frac{3}{5}$   |
| 9)  | $\frac{8}{9}$  | <input type="text"/> | $\frac{4}{5}$   | 21) | $\frac{4}{9}$  | <input type="text"/> | $\frac{2}{3}$   |
| 10) | $\frac{5}{7}$  | <input type="text"/> | $\frac{7}{12}$  | 22) | $\frac{2}{3}$  | <input type="text"/> | $\frac{10}{15}$ |
| 11) | $\frac{3}{8}$  | <input type="text"/> | $\frac{4}{9}$   | 23) | $\frac{6}{11}$ | <input type="text"/> | $\frac{4}{9}$   |
| 12) | $\frac{1}{3}$  | <input type="text"/> | $\frac{3}{9}$   | 24) | $\frac{3}{4}$  | <input type="text"/> | $\frac{7}{9}$   |