

Class 7<sup>th</sup>

Date: 16<sup>th</sup> April 2021

Day: Friday

Mathematics

Ms. Shehla Bano

## CH#2 Rational Numbers

### Exercise#2a

3. Write down the rational number whose numerator is  $(-7) \times 2$  and whose denominator is  $21 - 2$ .

**Solution:**

$$\begin{aligned} &= \frac{(-7) \times 2}{21 - 2} \\ &= \frac{-14}{19} \text{ Ans} \end{aligned}$$

4. (i) Write down the rational number whose numerator is  $15 - 4$  and whose denominator is  $37 \times (-2)$ .  
(ii) Express the above rational number with a positive denominator.

**H.W**

**Q#5**

5: Express  $-\frac{3}{7}$  as a rational number whose numerator is  
(i) 6                      (ii) -15                      (iii) 3                      (iv) 9

ii) -15

$$\equiv \frac{-3}{7}$$

To make its numerator -15 we will multiply N and D by 5

$$\begin{aligned} &\equiv \frac{-3 \times 5}{7 \times 5} \\ &\equiv \frac{-15}{35} \text{ Ans} \end{aligned}$$

6. Express  $\frac{-2}{-5}$  as a rational number whose denominator is

(i) 5

(ii) -15

(iii) 40

(iv) -50

iii) 40

To make is denominator 40 we will multiply N and D by -8

$$\equiv \frac{-2 \times -8}{-5 \times -8}$$

$$\equiv \frac{16}{40} \text{ Ans}$$

H.W

Ex#2a

Q#5(I,iii,iv) Q#6(I,ii,iv)