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# Teaching learning material

Class – 7th                                      Subject – Mathematics

Section – All                          subject teacher – Bandana Kumari

## Rational numbers

# Exercise

1. Write the following with positive denominator:

   (a) $\dfrac{5}{-4}$                          (c) $\dfrac{15}{-7}$

   (b) $\dfrac{-7}{-4}$                          (d) $\dfrac{-14}{-5}$

2. Identify the following rational number as positive or negative rational numbers:

   (a) $\dfrac{-5}{2}$                          (c) $1\dfrac{1}{4}$

   (b) $\dfrac{-3}{-2}$                          (d) $\dfrac{+4}{5}$

3. write down the rational number whose:

   (a) Numerator is 4x3 and denominator is 2x(-5).

   (b) Numerator is difference of 5 and 7 and denominator is 7.

(c) Numerator is product of 3 and -5 and denominator is sum of 2 and 5.

(d) Numerator is sum of 2 and 5 and denominator is successor of -3.

4. write three equivalent fraction of:

(a) $\dfrac{-3}{5}$ 　　　　　　　　 (b) $\dfrac{4}{7}$

(c) $\dfrac{-5}{9}$

5. fill in the blanks:

(a) $\dfrac{-5}{7} = \dfrac{}{49}$

(b) $\dfrac{2}{3} = \dfrac{-6}{}$

(c) $\dfrac{-4}{-9} = \dfrac{36}{}$

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