

# Math Practice Sheets

Number Types

Student Name

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**Examples**

**Practice Questions**

**Extra Challenge Unit**



**Example**

Look at the relationship between fractions and division.

Suppose 3 apples are to be shared equally between 4 boys.

Let us cut each apple into 4 equal parts and then divide the 12 parts

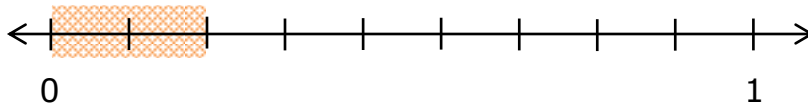
obtained between the 4 boys. Thus, each boy will get 3 parts. i.e.  $\frac{3}{4}$  of an

apple. So,  $3 \div 4 = \frac{3}{4}$

What is the meaning of  $\frac{5}{1}$ ? Using division, we have  $\frac{5}{1} = 5 \div 1$ .

So, we can take  $\frac{5}{1}$  to be 5.

Note that you can show the fraction on a number line also. i.e. the shaded part of given number line represents  $\frac{2}{9}$  of  $2 \div 9$ .

**Exercise**

1. Write a division expression for the following fraction.

a)  $\frac{8}{20}$

b)  $\frac{1}{9}$

c)  $\frac{2}{3}$

d)  $\frac{3}{11}$

e)  $\frac{4}{15}$

f)  $\frac{5}{12}$

g)  $\frac{16}{35}$

h)  $\frac{21}{49}$

i)  $\frac{77}{100}$