Worksheet

Grade 4 - Mathematics

Chapter 1 - Fractions

1) Find:

  a) $\frac{1}{3}$ of 18   b) $\frac{4}{9}$ of 36

  c) $\frac{2}{3}$ of one hour (in minutes)   d) $\frac{2}{5}$ of one meter (in cm)

2) Fill in the boxes to make the fractions equivalent.

  a) $\frac{4}{9} = \frac{\square}{45}$ b) $\frac{3}{7} = \frac{\square}{56}$ c) $\frac{1}{4} = \frac{5}{\square}$ d) $\frac{2}{3} = \frac{18}{\square}$

3) Compare the fractions.

  a) $\frac{4}{9}$ and $\frac{7}{9}$ b) $\frac{2}{5}$ and $\frac{2}{5}$ c) $\frac{3}{7}$ and $\frac{1}{7}$ d) $\frac{5}{12}$ and $\frac{7}{12}$

4) Arrange in ascending order.

  a) $\frac{5}{9}$, $\frac{2}{9}$, $\frac{7}{9}$, $\frac{1}{9}$ b) $\frac{9}{11}$, $\frac{5}{11}$, $\frac{10}{11}$, $\frac{3}{11}$ c) $\frac{2}{7}$, $\frac{1}{7}$, $\frac{5}{7}$, $\frac{4}{7}$ d) $\frac{3}{5}$, $\frac{1}{5}$, $\frac{4}{5}$, $\frac{2}{5}$

5) Add

  a) $\frac{1}{8} + \frac{2}{8}$ b) $\frac{3}{7} + \frac{2}{7}$ c) $\frac{2}{9} + \frac{5}{9}$ d) $\frac{4}{11} + \frac{5}{11}$

6) Subtract

  a) $\frac{5}{11} - \frac{3}{11}$ b) $\frac{6}{13} - \frac{3}{13}$ c) $\frac{7}{15} - \frac{5}{15}$ d) $\frac{7}{9} + \frac{5}{9}$

7) Convert the following into improper fractions.

  a) $3\frac{1}{7}$ b) $2\frac{3}{5}$ c) $1\frac{7}{9}$ d) $4\frac{2}{3}$

8) Solve

  a) Manisha had $\frac{7}{8}$ kg of rice and she cooked $\frac{5}{8}$ kg of rice. How much rice is left?

b) Rahul walks $\frac{2}{7}$ of a kilometre on Monday and $\frac{3}{7}$ of a kilometre the next day as a part of his exercise routine. What distance did he travel in these two days?

c) Mahesh took $\frac{2}{5}$ of the toffees from a plate and Ramesh took $\frac{1}{5}$ of the toffees. Find the total toffees taken by them.