

Exercise 3 : Comparing Numbers

1. Arrange the numbers from the smallest to the greatest.

(a) $\frac{1}{3}, \frac{4}{5}, 0, -\frac{2}{7}, -1\frac{1}{5}$

(b) $-0.15, 2, 0.13, 0.2, 0.25$

(c) $\frac{3}{4}, 2.1, 2\frac{1}{5}, -2.55$

2. Arrange the numbers in descending order.

(a) $\frac{2}{5}, \frac{1}{4}, 1.2, -\frac{2}{3}, -\frac{1}{5}$

(b) $-1.05, -2, 0, 1.1, 1.16$

(c) $\frac{4}{5}, 0.9, 1, -2\frac{1}{5}, -2.32$

Exercise 1 : Addition and Subtraction of Fractions

1. Find the value.

(a) $\frac{3}{7} + \frac{1}{4}$

(b) $\frac{11}{15} - \frac{2}{5}$

(c) $\frac{4}{9} + \frac{3}{4}$

(d) $\frac{11}{12} - \frac{1}{6}$

(e) $1\frac{4}{9} + \frac{1}{4}$

(f) $3\frac{4}{5} - \frac{7}{8}$

(g) $\frac{3}{8} + 2\frac{1}{3}$

(h) $2\frac{4}{5} - \frac{1}{6}$

Exercise 2 : Multiplication and Division of Fractions

1. Find the value.

$$(a) \frac{5}{7} \times \frac{14}{10}$$

$$(b) \frac{14}{15} \div \frac{7}{5}$$

$$(c) \frac{7}{9} \times \frac{3}{5}$$

$$(d) \frac{9}{10} \div \frac{1}{6}$$

$$(e) 1\frac{2}{5} \times \frac{3}{4}$$

$$(f) 2\frac{1}{5} \div \frac{11}{20}$$

$$(g) \frac{7}{9} \times 2\frac{1}{7}$$

$$(h) 2\frac{2}{7} \div \frac{8}{21}$$