mathskills4kids

Name: ..... Class: .....

Order fractions with like numerators or denominators

a. Arrange these fractions in order from greatest to least.

$\frac{1}{9}, \frac{7}{9}, \frac{3}{9}, \frac{4}{9}, \frac{5}{9}$

b. Arrange these fractions in ascending order.

$\frac{1}{5}, \frac{1}{9}, \frac{1}{4}, \frac{1}{3}, \frac{1}{7}, \frac{1}{10}$

c. Arrange these fractions in order from least to greatest.

$\frac{12}{24}, \frac{5}{24}, \frac{11}{24}, \frac{17}{24}, \frac{1}{24}$

Solution

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Order fractions with like numerators or denominators

a. Arrange these fractions in order from greatest to least.

$\frac{1}{9}, \frac{7}{9}, \frac{3}{9}, \frac{4}{9}, \frac{5}{9}$

Since the fractions already have a common denominator, let's use the numerators to order the fractions.

We know that the larger the numerator of fractions with same denominator, the bigger the fraction.

So $\frac{1}{9}, \frac{7}{9}, \frac{3}{9}, \frac{4}{9}, \frac{5}{9}$ from greatest to least is:

$\frac{7}{9}, \frac{5}{9}, \frac{4}{9}, \frac{3}{9}, \frac{1}{9}$

b. Arrange these fractions in ascending order.

$\frac{1}{5}, \frac{1}{9}, \frac{1}{4}, \frac{1}{3}, \frac{1}{7}, \frac{1}{10}$

We know that the larger the denominator of fractions with same numerator, the smaller the fraction.

So $\frac{1}{5}, \frac{1}{9}, \frac{1}{4}, \frac{1}{3}, \frac{1}{7}, \frac{1}{10}$ in ascending order is:

$\frac{1}{10}, \frac{1}{9}, \frac{1}{7}, \frac{1}{5}, \frac{1}{4}, \frac{1}{3}$

c. Arrange these fractions in order from least to greatest.

$\frac{12}{24}, \frac{5}{24}, \frac{11}{24}, \frac{17}{24}, \frac{1}{24}$

Since the fractions already have a common denominator, let's use the numerators to order the fractions.

We know that the larger the numerator of fractions with same denominator, the bigger the fraction.

So $\frac{12}{24}, \frac{5}{24}, \frac{11}{24}, \frac{17}{24}, \frac{1}{24}$ from least to greatest is:

$\frac{1}{24}, \frac{5}{24}, \frac{11}{24}, \frac{12}{24}, \frac{17}{24}$