

Ordering Fractions

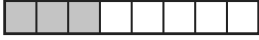
ANSWERS

1

Write in order, smallest first.

$$\frac{1}{2}, \frac{3}{8}, \frac{1}{4}$$

$$\frac{1}{2} = \frac{4}{8}$$


$$\frac{3}{8} = \frac{3}{8}$$


$$\frac{1}{4} = \frac{2}{8}$$


Order $\frac{1}{4}, \frac{3}{8}, \frac{1}{2}$

2

Write in order, smallest first.

$$\frac{3}{5}, \frac{9}{10}, \frac{1}{2}$$

$$\frac{3}{5} = \frac{6}{10}$$


$$\frac{9}{10} = \frac{9}{10}$$


$$\frac{1}{2} = \frac{5}{10}$$


Order $\frac{1}{2}, \frac{3}{5}, \frac{9}{10}$

3

Write in order, smallest first.

$$\frac{5}{6}, \frac{1}{3}, \frac{1}{2}$$

$$\frac{5}{6} = \frac{5}{6}$$


$$\frac{1}{3} = \frac{2}{6}$$


$$\frac{1}{2} = \frac{3}{6}$$


Order $\frac{1}{3}, \frac{1}{2}, \frac{5}{6}$

4

Write in order, smallest first.

$$\frac{4}{5}, \frac{7}{10}, \frac{1}{2}$$

$$\frac{4}{5} = \frac{8}{10}$$


$$\frac{7}{10} = \frac{7}{10}$$


$$\frac{1}{2} = \frac{5}{10}$$


Order $\frac{1}{2}, \frac{7}{10}, \frac{4}{5}$

5

Write in order, smallest first.

$$\frac{5}{6}, \frac{3}{4}, \frac{11}{12}$$

$$\frac{5}{6} = \frac{10}{12}$$


$$\frac{3}{4} = \frac{9}{12}$$


$$\frac{11}{12} = \frac{11}{12}$$


Order $\frac{3}{4}, \frac{5}{6}, \frac{11}{12}$

6

Write in order, smallest first.

$$\frac{5}{9}, \frac{2}{3}, \frac{1}{3}$$

$$\frac{5}{9} = \frac{5}{9}$$


$$\frac{2}{3} = \frac{6}{9}$$


$$\frac{1}{3} = \frac{3}{9}$$


Order $\frac{1}{3}, \frac{5}{9}, \frac{2}{3}$

7

Write in order, largest first.

$$\frac{3}{4}, \frac{7}{8}, \frac{1}{2}$$

$$\frac{3}{4} = \frac{6}{8}$$


$$\frac{7}{8} = \frac{7}{8}$$


$$\frac{1}{2} = \frac{4}{8}$$

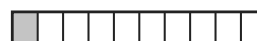

Order $\frac{7}{8}, \frac{3}{4}, \frac{1}{2}$

8

Three cups are the same size. Cup A is $\frac{2}{5}$ full. Cup B is $\frac{1}{2}$ full. Cup C is $\frac{1}{10}$ full. Which cup has the most in it?

$$\frac{2}{5} = \frac{4}{10}$$


$$\frac{1}{2} = \frac{5}{10}$$


$$\frac{1}{10} = \frac{1}{10}$$


Answer Cup B

Ordering Fractions *further practice*

ANSWERS

9

Write in order, smallest first.

$$\frac{1}{4}, \frac{5}{8}, \frac{1}{2}$$

$$\frac{1}{4} = \frac{2}{8}$$

$$\frac{5}{8} = \frac{5}{8}$$

$$\frac{1}{2} = \frac{4}{8}$$

Order $\frac{1}{4}, \frac{1}{2}, \frac{5}{8}$

10

Write these four fractions in order, smallest first.

$$\frac{1}{2} = \frac{6}{12}$$

$$\frac{2}{3} = \frac{8}{12}$$

$$\frac{5}{12} = \frac{5}{12}$$

$$\frac{3}{4} = \frac{9}{12}$$

Order $\frac{5}{12}, \frac{1}{2}, \frac{2}{3}, \frac{3}{4}$

11

Write in order, largest first.

$$\frac{1}{2}, \frac{3}{10}, \frac{4}{5}$$

$$\frac{1}{2} = \frac{5}{10}$$

$$\frac{3}{10} = \frac{3}{10}$$

$$\frac{4}{5} = \frac{8}{10}$$

Order $\frac{4}{5}, \frac{1}{2}, \frac{3}{10}$

12

Ana walks $\frac{5}{12}$ of a mile.

Ben walks $\frac{1}{3}$ of a mile. Cal walks $\frac{1}{2}$

of a mile. Who walks the shortest distance?

$$\frac{5}{12} = \frac{5}{12}$$

$$\frac{1}{3} = \frac{4}{12}$$

$$\frac{1}{2} = \frac{6}{12}$$

Answer Ben

13

Which is bigger?

$$\frac{3}{5} \text{ or } \frac{7}{10}$$



$$\frac{3}{5} = \frac{6}{10} \text{ and } \frac{7}{10}$$

Answer $\frac{7}{10}$

14

A cake is cut into 8 equal slices.

Jo eats $\frac{3}{8}$ of the cake. Kim eats $\frac{1}{4}$ of the cake. Who eats more?



$$\frac{1}{4} = \frac{2}{8}$$

$$\frac{3}{8} \text{ is more than } \frac{2}{8}$$

Answer Jo

15

Write a fraction with a bottom of 8.

It must be bigger than $\frac{1}{2}$ and

smaller than $\frac{3}{4}$.



$$\frac{1}{2} = \frac{4}{8} \text{ and } \frac{3}{4} = \frac{6}{8}$$

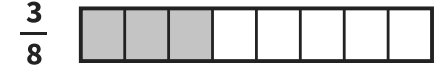
Answer $\frac{5}{8}$

16

Sam says $\frac{3}{8}$ is bigger than $\frac{1}{2}$

because 3 is bigger than 1.

What has Sam done wrong?



Sam has not made the

bottoms the same.

$$\frac{1}{2} = \frac{4}{8}, \text{ so } \frac{1}{2} \text{ is bigger.}$$