

# Ordering Fractions

ANSWERS

1

Write in order, smallest first.

$$\frac{1}{2} \quad \frac{3}{4} \quad \frac{5}{8}$$

a denominator they all share **8**

$$\frac{1}{2} = \frac{4}{8} \quad \text{[bar chart: 4 out of 8 squares shaded]}$$

$$\frac{3}{4} = \frac{6}{8} \quad \text{[bar chart: 6 out of 8 squares shaded]}$$

$$\frac{5}{8} = \frac{5}{8} \quad \text{[bar chart: 5 out of 8 squares shaded]}$$

Order  $\frac{1}{2} \quad \frac{5}{8} \quad \frac{3}{4}$

2

Write in order, smallest first.

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

a denominator they all share **6**

$$\frac{2}{3} = \frac{4}{6} \quad \text{[bar chart: 4 out of 6 squares shaded]}$$

$$\frac{1}{2} = \frac{3}{6} \quad \text{[bar chart: 3 out of 6 squares shaded]}$$

$$\frac{5}{6} = \frac{5}{6} \quad \text{[bar chart: 5 out of 6 squares shaded]}$$

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

3

Write in order, smallest first.

$$\frac{3}{4} \quad \frac{2}{3} \quad \frac{7}{12}$$

a denominator they all share **12**

$$\frac{3}{4} = \frac{9}{12} \quad \text{[bar chart: 9 out of 12 squares shaded]}$$

$$\frac{2}{3} = \frac{8}{12} \quad \text{[bar chart: 8 out of 12 squares shaded]}$$

$$\frac{7}{12} = \frac{7}{12} \quad \text{[bar chart: 7 out of 12 squares shaded]}$$

Order  $\frac{7}{12} \quad \frac{2}{3} \quad \frac{3}{4}$

4

Write in order, smallest first.

$$\frac{3}{5} \quad \frac{1}{2} \quad \frac{7}{10}$$

a denominator they all share **10**

$$\frac{3}{5} = \frac{6}{10} \quad \text{[bar chart: 6 out of 10 squares shaded]}$$

$$\frac{1}{2} = \frac{5}{10} \quad \text{[bar chart: 5 out of 10 squares shaded]}$$

$$\frac{7}{10} = \frac{7}{10} \quad \text{[bar chart: 7 out of 10 squares shaded]}$$

Order  $\frac{1}{2} \quad \frac{3}{5} \quad \frac{7}{10}$

5

Write in order, largest first.

$$\frac{5}{6} \quad \frac{3}{4} \quad \frac{2}{3}$$

a denominator they all share **12**

$$\frac{5}{6} = \frac{10}{12} \quad \text{[bar chart: 10 out of 12 squares shaded]}$$

$$\frac{3}{4} = \frac{9}{12} \quad \text{[bar chart: 9 out of 12 squares shaded]}$$

$$\frac{2}{3} = \frac{8}{12} \quad \text{[bar chart: 8 out of 12 squares shaded]}$$

Order  $\frac{5}{6} \quad \frac{3}{4} \quad \frac{2}{3}$

6

Write in order, smallest first.

$$\frac{1}{2} \quad \frac{2}{5} \quad \frac{3}{10} \quad \frac{7}{20}$$

$$\frac{10}{20} \quad \frac{8}{20} \quad \frac{6}{20} \quad \frac{7}{20}$$

Order  $\frac{3}{10} \quad \frac{7}{20} \quad \frac{2}{5} \quad \frac{1}{2}$

7

Which is bigger?

$$\frac{3}{4} \text{ or } \frac{5}{7}$$

$$\frac{21}{28} \text{ and } \frac{20}{28}$$

Answer  $\frac{3}{4}$

8

Ali eats  $\frac{3}{8}$  of a pizza, Ben eats  $\frac{1}{3}$  and Cal eats  $\frac{7}{24}$ . Who eats the most?

$$\frac{9}{24} \quad \frac{8}{24} \quad \frac{7}{24}$$

Answer Ali

# Ordering Fractions *further practice*

ANSWERS

9

Write in order, smallest first.

$$\frac{3}{10} \quad \frac{1}{2} \quad \frac{2}{5}$$

$$\frac{3}{10} \quad \frac{5}{10} \quad \frac{4}{10}$$

Order  $\frac{3}{10} \quad \frac{2}{5} \quad \frac{1}{2}$

10

Write in order, largest first.

$$\frac{5}{6} \quad \frac{7}{12} \quad \frac{3}{4} \quad \frac{2}{3}$$

$$\frac{10}{12} \quad \frac{7}{12} \quad \frac{9}{12} \quad \frac{8}{12}$$

Order  $\frac{5}{6} \quad \frac{3}{4} \quad \frac{2}{3} \quad \frac{7}{12}$

11

A red ribbon is  $\frac{3}{4}$  m long, a blue ribbon is  $\frac{5}{8}$  m and a green ribbon is  $\frac{2}{3}$  m. Which ribbon is the shortest?

$$\frac{18}{24} \quad \frac{15}{24} \quad \frac{16}{24}$$

Answer the blue ribbon

12

Write in order, smallest first.

$$0.7 \quad \frac{3}{5} \quad \frac{13}{20}$$

$$\frac{14}{20} \quad \frac{12}{20} \quad \frac{13}{20}$$

Order  $\frac{3}{5} \quad \frac{13}{20} \quad 0.7$

13

Two jugs are the same size. Jug A is  $\frac{4}{7}$  full and jug B is  $\frac{3}{5}$  full. Which jug has more in it?

$$\frac{20}{35} \quad \frac{21}{35}$$

Answer Jug B

14

Three parcels weigh  $\frac{11}{4}$  kg,  $2\frac{1}{2}$  kg and  $2\frac{5}{8}$  kg. Write the weights in order, lightest first.

$$\frac{22}{8} \quad \frac{20}{8} \quad \frac{21}{8}$$

Order  $2\frac{1}{2}$  kg  $2\frac{5}{8}$  kg  $\frac{11}{4}$  kg

15

Mia says  $\frac{5}{8}$  is bigger than  $\frac{2}{3}$  because 5 and 8 are bigger than 2 and 3. Is Mia right? Show how you know.

$$\frac{5}{8} = \frac{15}{24} \text{ and } \frac{2}{3} = \frac{16}{24}$$

Answer No,  $\frac{2}{3}$  is bigger

16

Find the whole number that goes in the box so that the fraction lies between  $\frac{1}{2}$  and  $\frac{3}{4}$ .

$$\frac{\boxed{8}}{8}$$

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

Answer 5