
Worksheet - Ordering Decimals and Fractions

Change all fractions to the same unit and put in order. When using shop fractions, it always works to change to the largest number in the lower position (the denominator).

Example

Rank the following fractions from smallest to largest.

$$\frac{1}{2} \quad \mathbf{e} \quad \frac{3}{4}$$

First change all fractions to eighths.

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

$$\mathbf{e} = \mathbf{e}$$

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

Put fractions in order from smallest to largest.

$$\frac{1}{2} = \frac{4}{8} \quad \text{smallest}$$

$$\mathbf{e} = \mathbf{e} \quad \text{middle}$$

$$\frac{3}{4} = \frac{6}{8} \quad \text{largest}$$

Rank the following fractions from largest to smallest.

1. **e** $\frac{1}{2}$ $\frac{3}{16}$ _____ _____ _____

2. $\frac{3}{16}$ $\frac{3}{32}$ **d** _____ _____ _____

3. $\frac{31}{32}$ **f** $\frac{3}{4}$ _____ _____ _____

4. $\frac{11}{16}$ $\frac{3}{4}$ $\frac{3}{16}$ _____ _____ _____

5. $\frac{1}{2}$ $\frac{1}{32}$ $\frac{1}{16}$ _____ _____ _____

6. **d** $\frac{7}{16}$ $\frac{15}{16}$ _____ _____ _____

7. $\frac{3}{4}$ **f** $\frac{1}{2}$ _____ _____ _____

8. $\frac{9}{32}$ $\frac{11}{32}$ $\frac{1}{32}$ _____ _____ _____