

Ordering Fractions

Video 144 on www.corbettmaths.com

Examples







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Workout

Question 1: Arrange the following sets of fractions in order, from smallest to largest

(a)
$$\frac{6}{7}$$
, $\frac{1}{7}$, $\frac{2}{7}$, $\frac{5}{7}$

(b)
$$\frac{3}{10}$$
, $\frac{9}{10}$, $\frac{1}{10}$, $\frac{7}{10}$ (c) $\frac{2}{9}$, $\frac{8}{9}$, $\frac{5}{9}$, $\frac{1}{9}$

(c)
$$\frac{2}{9}$$
, $\frac{8}{9}$, $\frac{5}{9}$, $\frac{1}{9}$

Question 2: Arrange the following sets of fractions in order, from smallest to largest

(a)
$$\frac{1}{5}$$
, $\frac{3}{10}$, $\frac{2}{5}$, $\frac{1}{10}$ (b) $\frac{1}{8}$, $\frac{1}{4}$, $\frac{5}{8}$, $\frac{3}{4}$ (c) $\frac{5}{9}$, $\frac{2}{3}$, $\frac{7}{9}$, $\frac{1}{3}$

(b)
$$\frac{1}{8}$$
, $\frac{1}{4}$, $\frac{5}{8}$, $\frac{3}{4}$

(c)
$$\frac{5}{9}$$
, $\frac{2}{3}$, $\frac{7}{9}$, $\frac{1}{3}$

(d)
$$\frac{3}{5}$$
, $\frac{13}{20}$, $\frac{2}{5}$, $\frac{9}{20}$ (e) $\frac{5}{6}$, $\frac{7}{12}$, $\frac{5}{12}$, $\frac{11}{12}$ (f) $\frac{7}{20}$, $\frac{23}{60}$, $\frac{9}{20}$, $\frac{29}{60}$

(e)
$$\frac{5}{6}$$
, $\frac{7}{12}$, $\frac{5}{12}$, $\frac{11}{12}$

(f)
$$\frac{7}{20}$$
, $\frac{23}{60}$, $\frac{9}{20}$, $\frac{29}{60}$

Question 3: Arrange the following sets of fractions in order, from smallest to largest

(a)
$$\frac{2}{3}$$
, $\frac{11}{15}$, $\frac{7}{15}$, $\frac{3}{5}$

(a)
$$\frac{2}{3}$$
, $\frac{11}{15}$, $\frac{7}{15}$, $\frac{3}{5}$ (b) $\frac{13}{20}$, $\frac{3}{4}$, $\frac{7}{10}$, $\frac{11}{20}$ (c) $\frac{1}{2}$, $\frac{2}{3}$, $\frac{7}{12}$, $\frac{5}{6}$

(c)
$$\frac{1}{2}$$
, $\frac{2}{3}$, $\frac{7}{12}$, $\frac{5}{6}$

(d)
$$\frac{13}{16}$$
, $\frac{3}{4}$, $\frac{5}{8}$, $\frac{11}{16}$

(d)
$$\frac{13}{16}$$
, $\frac{3}{4}$, $\frac{5}{8}$, $\frac{11}{16}$ (e) $\frac{3}{50}$, $\frac{7}{100}$, $\frac{1}{10}$, $\frac{9}{200}$ (f) $\frac{13}{20}$, $\frac{4}{5}$, $\frac{7}{10}$, $\frac{23}{40}$

(f)
$$\frac{13}{20}$$
, $\frac{4}{5}$, $\frac{7}{10}$, $\frac{23}{40}$

Question 4: Arrange the following sets of fractions in order, from smallest to largest

(a)
$$\frac{3}{4}$$
, $\frac{2}{3}$, $\frac{5}{6}$, $\frac{1}{3}$

(b)
$$\frac{1}{4}$$
, $\frac{3}{8}$, $\frac{1}{6}$, $\frac{5}{12}$

(a)
$$\frac{3}{4}$$
, $\frac{2}{3}$, $\frac{5}{6}$, $\frac{1}{3}$ (b) $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{6}$, $\frac{5}{12}$ (c) $\frac{9}{20}$, $\frac{5}{12}$, $\frac{3}{10}$, $\frac{17}{30}$

(d)
$$\frac{3}{25}$$
, $\frac{1}{10}$, $\frac{1}{8}$, $\frac{7}{50}$ (e) $\frac{27}{40}$, $\frac{3}{5}$, $\frac{5}{8}$, $\frac{6}{15}$ (f) $\frac{7}{20}$, $\frac{1}{3}$, $\frac{3}{8}$, $\frac{2}{5}$

(e)
$$\frac{27}{40}$$
, $\frac{3}{5}$, $\frac{5}{8}$, $\frac{6}{15}$

(f)
$$\frac{7}{20}$$
, $\frac{1}{3}$, $\frac{3}{8}$, $\frac{2}{5}$

Apply

Question 1: Write down a fraction between $\frac{2}{3}$ and $\frac{4}{5}$

Question 2: Write down a fraction between $\frac{5}{8}$ and $\frac{2}{3}$





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