

Name: \_\_\_\_\_ Date: \_\_\_\_\_

# Fractions (including decimals and percentages)

**1** Use the < or > sign to make each statement correct. Show all your working.

a)  $\frac{2}{3}$    $\frac{5}{6}$

b)  $\frac{7}{9}$    $\frac{2}{3}$

c)  $\frac{1}{3}$    $\frac{3}{8}$

d)  $\frac{5}{6}$    $\frac{12}{16}$

e)  $\frac{4}{5}$    $\frac{8}{9}$

**1**  
5 marks

**2** Order each set of fractions, smallest to largest. Show all your working.

a)  $\frac{30}{100}$ ,  $\frac{3}{5}$ ,  $\frac{9}{25}$ ,  $\frac{7}{10}$ ,  $\frac{27}{50}$

$\frac{30}{100}$ ,   $\frac{9}{25}$ ,   $\frac{27}{50}$ ,   $\frac{3}{5}$ ,   $\frac{7}{10}$

b)  $\frac{6}{15}$ ,  $\frac{24}{30}$ ,  $\frac{2}{18}$ ,  $\frac{12}{20}$ ,  $\frac{2}{6}$

$\frac{2}{18}$ ,   $\frac{2}{6}$ ,   $\frac{6}{15}$ ,   $\frac{12}{20}$ ,   $\frac{24}{30}$

c)  $\frac{1}{3}$ ,  $\frac{3}{4}$ ,  $\frac{5}{6}$ ,  $\frac{7}{12}$ ,  $\frac{1}{6}$

$\frac{1}{6}$ ,   $\frac{1}{3}$ ,   $\frac{7}{12}$ ,   $\frac{3}{4}$ ,   $\frac{5}{6}$

d)  $\frac{1}{2}$ ,  $\frac{2}{5}$ ,  $\frac{3}{4}$ ,  $\frac{7}{10}$ ,  $\frac{9}{10}$

$\frac{2}{5}$ ,   $\frac{1}{2}$ ,   $\frac{7}{10}$ ,   $\frac{3}{4}$ ,   $\frac{9}{10}$

e)  $\frac{15}{16}$ ,  $\frac{2}{3}$ ,  $\frac{1}{3}$ ,  $\frac{2}{9}$ ,  $\frac{5}{12}$

$\frac{2}{9}$ ,   $\frac{1}{3}$ ,   $\frac{5}{12}$ ,   $\frac{2}{3}$ ,   $\frac{15}{16}$

**2**  
5 marks

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## Fractions (including decimals and percentages)

**3** Use the  $<$  or  $>$  sign to make each statement correct. Show all your working.

a)  $\frac{12}{5}$    $\frac{7}{3}$

b)  $\frac{7}{4}$    $\frac{9}{6}$

c)  $\frac{13}{5}$    $2\frac{5}{6}$

d)  $3\frac{5}{8}$    $\frac{23}{7}$

e)  $1\frac{4}{9}$    $\frac{17}{10}$

**3**  
5 marks

**4** Order each set of fractions, smallest to largest. Show all your working.

a)  $\frac{11}{4}$ ,  $\frac{8}{3}$ ,  $\frac{10}{3}$ ,  $\frac{9}{4}$ ,  $\frac{11}{3}$

,  ,  ,  ,

b)  $\frac{7}{5}$ ,  $\frac{11}{6}$ ,  $\frac{11}{8}$ ,  $\frac{8}{7}$ ,  $\frac{13}{9}$

,  ,  ,  ,

c)  $\frac{17}{6}$ ,  $\frac{13}{5}$ ,  $2\frac{1}{2}$ ,  $\frac{8}{3}$ ,  $2\frac{7}{10}$

,  ,  ,  ,

d)  $1\frac{1}{6}$ ,  $\frac{5}{8}$ ,  $\frac{9}{5}$ ,  $\frac{16}{9}$ ,  $\frac{9}{10}$

,  ,  ,  ,

e)  $1\frac{3}{7}$ ,  $\frac{14}{9}$ ,  $\frac{11}{8}$ ,  $1\frac{5}{6}$ ,  $1\frac{6}{10}$

,  ,  ,  ,

**4**  
5 marks