Fractions - mixed, improper and ordering

Name:	Class:	Date:

Mark	/ 10	%

1) Write the following mixed number as an improper fraction [3]

a) $4\frac{1}{2}$

b) $9\frac{8}{9}$

c) $3\frac{1}{7}$

2) Write the following improper fraction as a mixed number [3]

a) $\frac{11}{3}$

b) $\frac{35}{6}$

c) $\frac{227}{12}$

3) Select the correct inequality (< or >) to make a true statement [1]

$\frac{2}{4}$ ..... $\frac{6}{10}$

4) Order from smallest to largest [2]

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

b) $\frac{5}{6}, \frac{7}{8}, \frac{3}{4}, \frac{1}{8}, \frac{4}{5}$

5) Arrange in ascending order [1]

$\frac{2}{16}, \frac{3}{14}, \frac{4}{25}, \frac{1}{17}, \frac{3}{23}$

Solutions for the assessment Fractions - mixed, improper and ordering

1) a) $\frac{9}{2}$

b) $\frac{89}{9}$

c) $\frac{22}{7}$

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

b) $5\frac{5}{6}$

c) $18\frac{11}{12}$

3) $\frac{2}{4} < \frac{6}{10}$

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

b) $\frac{1}{8}, \frac{3}{4}, \frac{4}{5}, \frac{5}{6}, \frac{7}{8}$

5) $\frac{1}{17}, \frac{2}{16}, \frac{3}{23}, \frac{4}{25}, \frac{3}{14}$