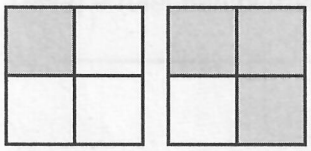
NS4-74: Ordering and Comparing Fractions

1. 

What fraction has a greater numerator, $\frac{1}{4}$ or $\frac{3}{4}$?

Which fraction is greater?

REMEMBER:

$\frac{3}{4}$ ← *numerator*

$\frac{3}{4}$ ← *denominator*

Explain your thinking. _____

_____

2. Circle the greater fraction in each pair.

a) $\frac{3}{14}$ or $\frac{6}{14}$ b) $\frac{4}{12}$ or $\frac{7}{12}$ c) $\frac{2}{9}$ or $\frac{5}{9}$ d) $\frac{4}{7}$ or $\frac{5}{7}$

e) $\frac{7}{27}$ or $\frac{4}{27}$ f) $\frac{13}{98}$ or $\frac{20}{98}$ g) $\frac{47}{125}$ or $\frac{46}{125}$ h) $\frac{88}{287}$ or $\frac{42}{287}$

3. Write the fractions in order from least to greatest.

a) $\frac{2}{3}, \frac{1}{3}, \frac{3}{3}$ b) $\frac{2}{10}, \frac{1}{10}, \frac{7}{10}, \frac{9}{10}$ c) $\frac{5}{17}, \frac{9}{17}, \frac{8}{17}, \frac{16}{17}$

4. Write a fraction that is ...

a) greater than $\frac{3}{7}$ and less than $\frac{6}{7}$: _____ b) greater than $\frac{1}{8}$ and less than $\frac{4}{8}$: _____

c) greater than $\frac{3}{10}$ and less than $\frac{7}{10}$: _____ d) greater than $\frac{8}{15}$ and less than $\frac{11}{15}$: _____

e) greater than $\frac{14}{57}$ and less than $\frac{19}{57}$: _____ f) greater than $\frac{58}{127}$ and less than $\frac{63}{127}$: _____

5. Two fractions have the same <u>denominators</u> (bottoms) but different <u>numerators</u> (tops).
How can you tell which fraction is greater?

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