

Unit 9: Number Sense

Name: _____

Quiz (Lessons 45, 46) — BC

Date: _____

Write the fraction shown by the shaded part of the image.

1. a) 

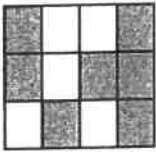
b) 

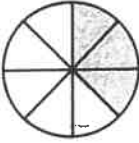
Shade half of the figure. Write two fractions to describe the shaded part.

2. a)  =


b)  =

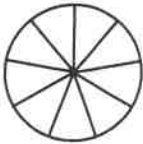
How many shaded parts does the fraction show? How many parts are not shaded?


3. a)  _____ shaded
 _____ not shaded

b)  _____ shaded
 _____ not shaded

Shade the fraction.

4. a) $\frac{4}{6}$ 

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

c) $\frac{5}{8}$ 

Write > or <.

5. a) $\frac{3}{7}$ $\frac{1}{2}$

b) $\frac{1}{2}$ $\frac{5}{9}$

c) $\frac{9}{16}$ $\frac{1}{2}$

Circle the greater fraction.

6. a) $\frac{3}{5}$ or $\frac{5}{5}$

b) $\frac{20}{24}$ or $\frac{12}{24}$

c) $\frac{1}{1000}$ or $\frac{10}{1000}$

Order the fractions from greatest to least by considering the numerators and denominators.

7. a) $\frac{34}{117}$ $\frac{101}{117}$ $\frac{17}{117}$ $\frac{2}{117}$ $\frac{60}{117}$

b) $\frac{100}{10000}$ $\frac{10}{10000}$ $\frac{1000}{10000}$ $\frac{10000}{10000}$ $\frac{1}{10000}$

> > > >

> > > >

Circle the greater fraction.

- 8 a) $\frac{4}{7}$ or $\frac{6}{7}$ b) $\frac{3}{10}$ or $\frac{1}{10}$ c) $\frac{4}{5}$ or $\frac{4}{10}$ d) $\frac{22}{35}$ or $\frac{22}{23}$

Two fractions have the same denominator but different numerators. How can you tell which fraction is greater?

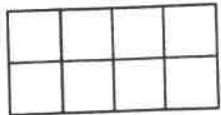
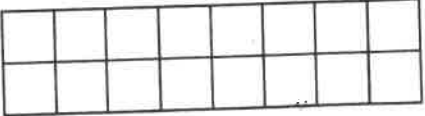
Order the fractions from least to greatest by considering the numerators and denominators.

9. a) $\frac{8}{10}$ $\frac{3}{10}$ $\frac{1}{10}$ $\frac{5}{10}$ $\frac{2}{10}$ b) $\frac{6}{19}$ $\frac{3}{19}$ $\frac{17}{19}$ $\frac{10}{19}$ $\frac{12}{19}$
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Draw a picture that fits all the clues.

10. a) There are 6 circles and squares.
 $\frac{2}{6}$ of the figures have four sides.
 $\frac{4}{6}$ of the figures are shaded.
- b) There are 5 squares and triangles.
 $\frac{3}{5}$ of the figures have four sides.
 $\frac{2}{5}$ of the figures are shaded.

Shade $\frac{3}{4}$ of the boxes. Hint: First count the boxes and find $\frac{1}{4}$.

11. a)  b)  c) 