

FRACTIONS GRADES 3 AND 4

This workbook provides practice in working with fractional numbers and mixed numbers. Emphasis is placed upon addition and subtraction. The exercises correlate with the material on fractional numbers presented in basic middle grade mathematics texts. The pages are presented in a suggested order, but may be used in any order which best meets a child's needs.

Parents who wish their children to have practice in fractions will find the book as helpful as classroom teachers will find it. The exercises are presented so that a child can work with a minimum of supervision. Procedures for completing the exercises are clearly illustrated at the top of each page.

Answers are included in a four-page leaflet at the end of the book. This leaflet can be easily removed.

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UNDERSTANDING FRACTIONS.

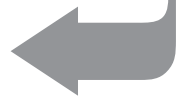
We are going to learn all about fractions. First we are going to learn that a fraction has two parts.

NUMERATOR



The **NUMERATOR**
"numbers" the parts.

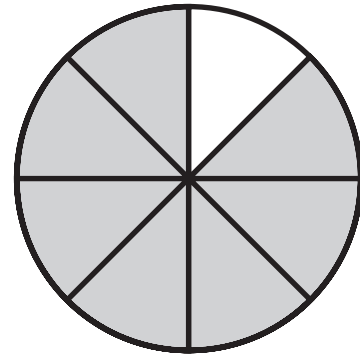
DENOMINATOR



The **DENOMINATOR**
"names" the parts that
make the whole
region or set.

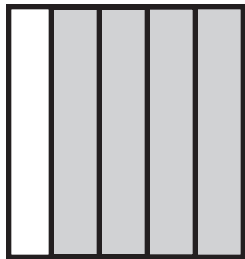
As in the fraction:

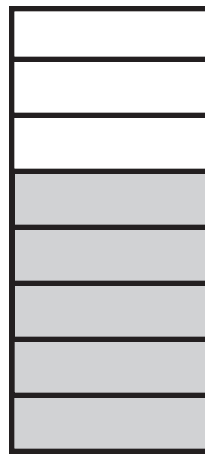
$\frac{7}{8}$
7 numbers the parts
and
8 names the parts
of the whole

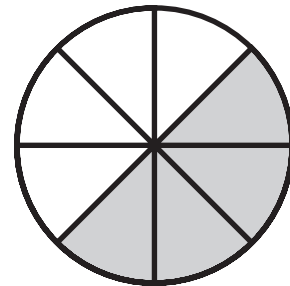


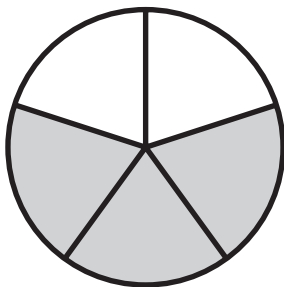
$\frac{7}{8}$ parts shaded
8 parts in the
whole region

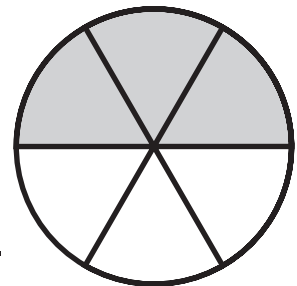
Write the fraction for the part shaded in each region.





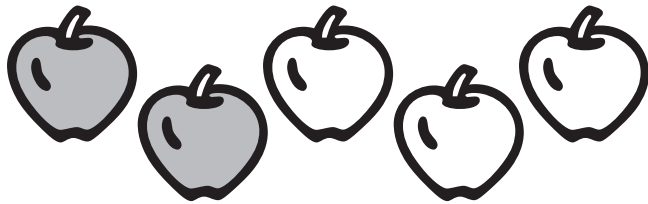






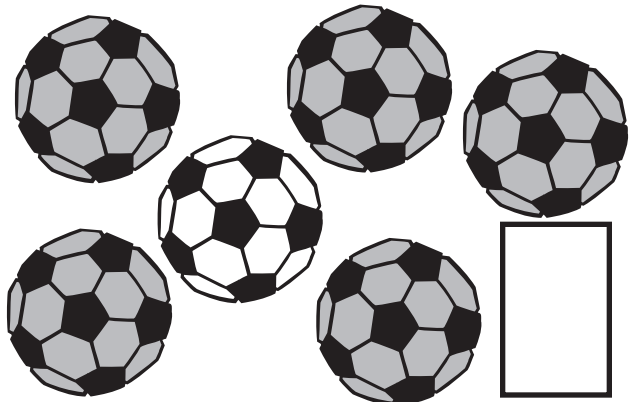
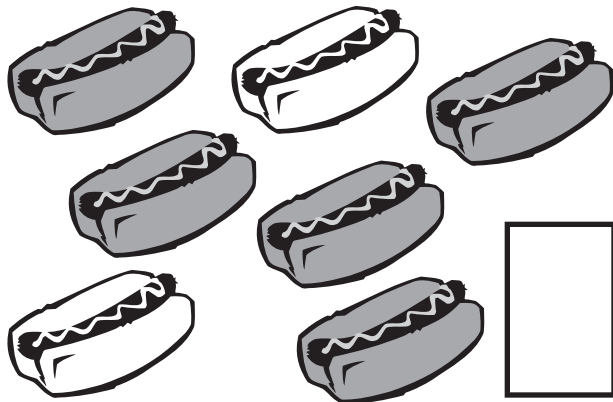
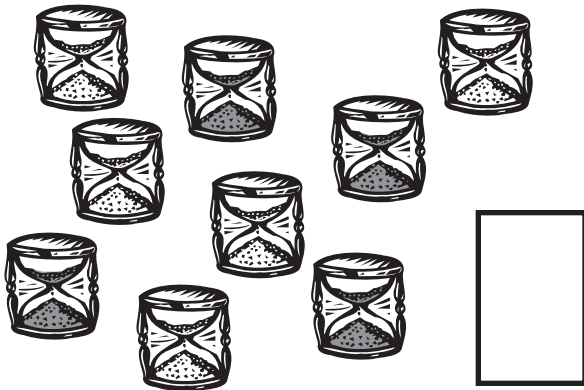
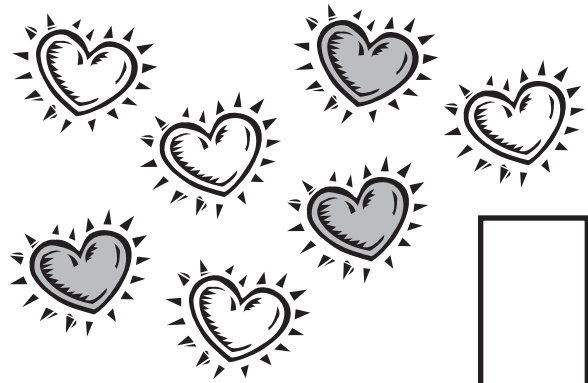
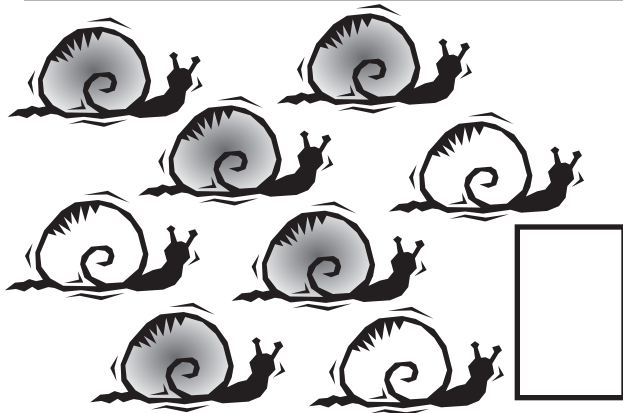
WRITE THE CORRECT FRACTION.

Write a fraction to show the part shaded in each set.
Follow the example.



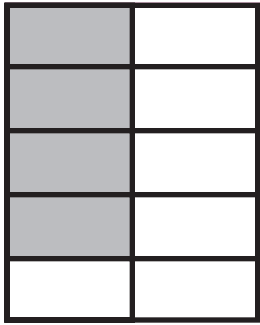
$$\frac{2}{5}$$

parts shaded
parts in the whole

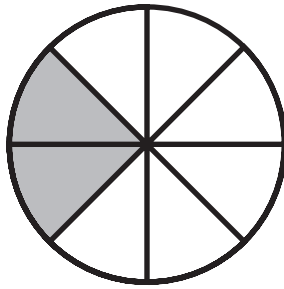


SHADED SHAPES.

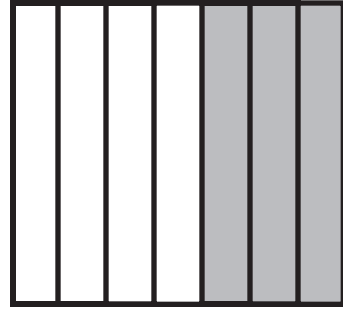
Color the part of each region **not** shaded.
Then circle the fraction that tells the part you colored.



$\frac{5}{10}$ $\frac{6}{8}$ $\frac{6}{10}$



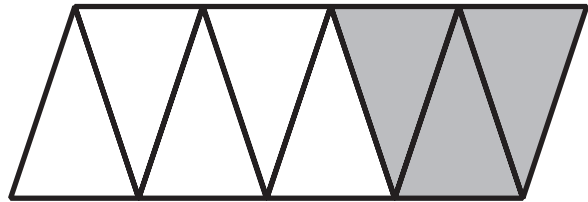
$\frac{2}{8}$ $\frac{6}{8}$ $\frac{8}{10}$



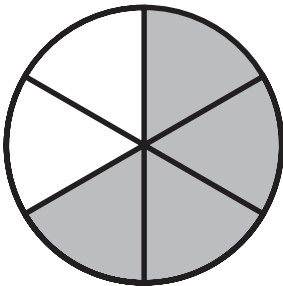
$\frac{3}{7}$ $\frac{4}{7}$ $\frac{4}{8}$



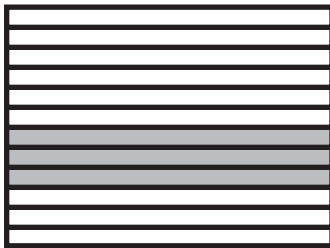
$\frac{4}{9}$ $\frac{4}{8}$ $\frac{5}{9}$



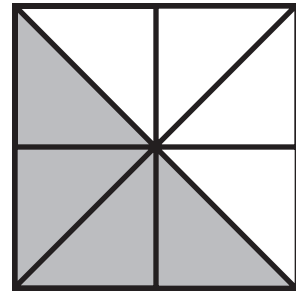
$\frac{1}{2}$ $\frac{4}{8}$ $\frac{5}{8}$



$\frac{1}{2}$ $\frac{2}{6}$ $\frac{4}{6}$



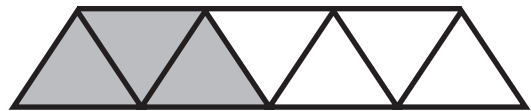
$\frac{7}{10}$ $\frac{7}{12}$ $\frac{9}{12}$



$\frac{4}{8}$ $\frac{4}{6}$ $\frac{6}{8}$



$\frac{3}{9}$ $\frac{3}{10}$ $\frac{7}{10}$



$\frac{2}{7}$ $\frac{4}{7}$ $\frac{5}{7}$

