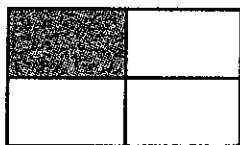
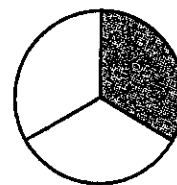


WRITING FRACTIONS



$\frac{1}{4}$ of the rectangle is shaded.

$\frac{1}{4}$ is read as **one-fourth**.



$\frac{2}{3}$ of the circle is **not** shaded.

$\frac{2}{3}$ is read as **two-thirds**.

Write the following words as fractions.

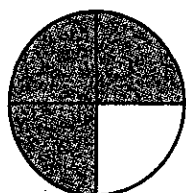
- | | |
|-----------------------|----------------------|
| A. three-fifths _____ | three-fourths _____ |
| B. four-ninths _____ | one-fourth _____ |
| C. one-third _____ | six-twelfths _____ |
| D. two-eighths _____ | four-tenths _____ |
| E. four-fifths _____ | five-elevenths _____ |
| F. one-half _____ | seven-eighths _____ |

Write each fraction in word form.

- | | |
|------------------------|----------------------|
| G. $\frac{1}{3}$ _____ | $\frac{2}{3}$ _____ |
| H. $\frac{1}{2}$ _____ | $\frac{1}{8}$ _____ |
| I. $\frac{3}{8}$ _____ | $\frac{4}{11}$ _____ |
| J. $\frac{2}{5}$ _____ | $\frac{5}{3}$ _____ |
| K. $\frac{5}{7}$ _____ | $\frac{5}{9}$ _____ |
| L. $\frac{4}{3}$ _____ | $\frac{9}{2}$ _____ |

IDENTIFYING FRACTIONS

A fraction is a part of a whole.



$\frac{3}{4}$ of the circle is shaded.

$\frac{1}{4}$ of the circle is not shaded.

$\frac{3}{4}$ ← part shaded
← total parts

numerator
denominator

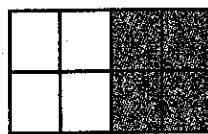
part not shaded → $\frac{1}{4}$
total parts →

On the first line, write the fraction for the part that is shaded. On the second line, write the fraction for the part that is not shaded.

A.

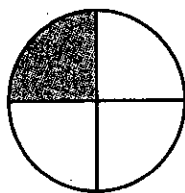


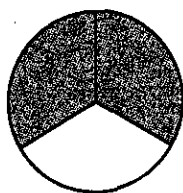


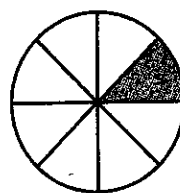


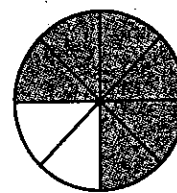


B.

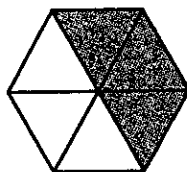


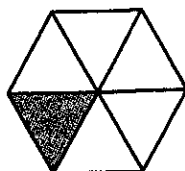


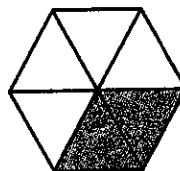


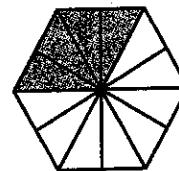


C.



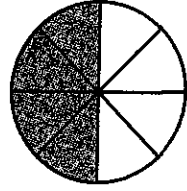




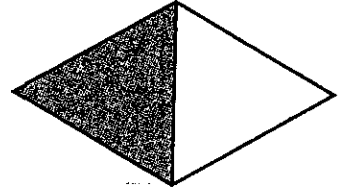




COLORING FRACTIONS



$\frac{4}{8}$ or $\frac{1}{2}$ of the circle is shaded.

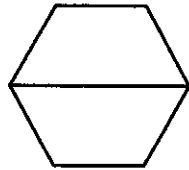


$\frac{1}{2}$ of the rhombus is shaded.

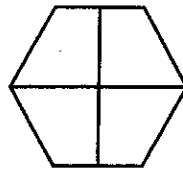
Color each shape to show the correct fraction.

A.

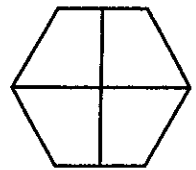
$\frac{1}{2}$



$\frac{3}{4}$



$\frac{1}{4}$

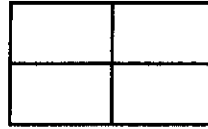


B.

$\frac{3}{4}$



$\frac{1}{2}$

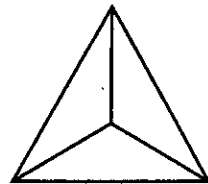


$\frac{4}{4}$

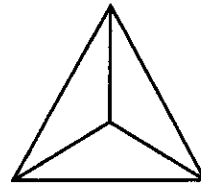


C.

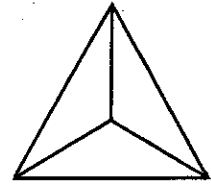
$\frac{2}{3}$



$\frac{1}{3}$

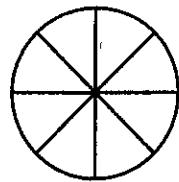


$\frac{3}{3}$

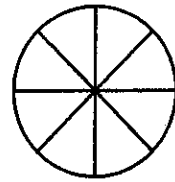


D.

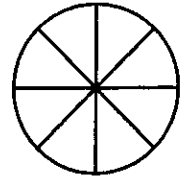
$\frac{5}{8}$



$\frac{2}{8}$

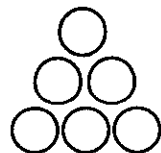


$\frac{1}{4}$

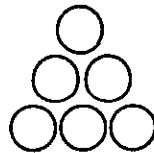


E.

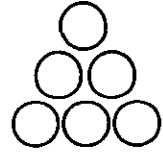
$\frac{4}{6}$



$\frac{5}{6}$



$\frac{2}{3}$



WRITING MIXED NUMBERS AS IMPROPER FRACTIONS

Write each mixed number as an improper fraction.

A. $3\frac{4}{5} =$

$2\frac{3}{8} =$

$1\frac{5}{12} =$

B. $2\frac{5}{8} =$

$5\frac{3}{4} =$

$8\frac{1}{9} =$

C. $4\frac{2}{3} =$

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

$12\frac{5}{9} =$

D. $7\frac{1}{8} =$

$1\frac{5}{7} =$

$4\frac{8}{11} =$

E. $6\frac{3}{7} =$

$3\frac{2}{5} =$

$7\frac{11}{12} =$

F. $6\frac{7}{8} =$

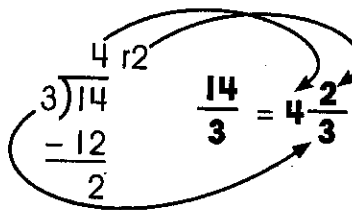
$2\frac{7}{12} =$

$5\frac{3}{10} =$

WRITING IMPROPER FRACTIONS AS MIXED OR WHOLE NUMBERS

$\frac{14}{3}$ can be rewritten as $14 \div 3$ or $3 \overline{)14}$

$\frac{14}{3}$ is an improper fraction.



The **4** becomes the whole number. The **2** becomes the numerator of the fraction; the denominator is still **3**.

$4 \frac{2}{3}$ is a mixed number.

Write each improper fraction as a mixed or whole number.

A. $\frac{15}{2} =$

$\frac{7}{4} =$

$\frac{20}{7} =$

B. $\frac{43}{5} =$

$\frac{23}{8} =$

$\frac{21}{5} =$

C. $\frac{31}{12} =$

$\frac{5}{2} =$

$\frac{13}{8} =$

D. $\frac{11}{4} =$

$\frac{49}{9} =$

$\frac{41}{6} =$

E. $\frac{23}{3} =$

$\frac{45}{4} =$

$\frac{60}{5} =$

F. $\frac{23}{7} =$

$\frac{72}{6} =$

$\frac{16}{2} =$

WRITING MIXED NUMBERS AS IMPROPER FRACTIONS

$$\begin{aligned}
 3\frac{1}{3} &= \frac{(3 \times 3) + 1}{3} \\
 &= \frac{9 + 1}{3} \\
 &= \frac{10}{3}
 \end{aligned}$$

To change a mixed number to an improper fraction:

1. Multiply the denominator by the whole number.
2. Add the numerator.
3. Keep the denominator.

$$\begin{aligned}
 4\frac{5}{8} &= \frac{(8 \times 4) + 5}{8} \\
 &= \frac{32 + 5}{8} \\
 &= \frac{37}{8}
 \end{aligned}$$

Write each mixed number as an improper fraction.

A. $2\frac{1}{3} =$

$6\frac{3}{4} =$

$1\frac{1}{12} =$

B. $3\frac{1}{8} =$

$7\frac{3}{5} =$

$1\frac{9}{10} =$

C. $3\frac{2}{5} =$

$9\frac{4}{11} =$

$3\frac{6}{7} =$

D. $5\frac{4}{5} =$

$4\frac{5}{12} =$

$6\frac{7}{11} =$