Name _____ Date _____

Subtracting Mixed Numbers

When subtracting mixed numbers, subtract the fraction first. (You may need to regroup before you subtract.) Then, subtract the whole numbers.

$6\frac{3}{4} \rightarrow 6\frac{3}{4}$
$-1\frac{1}{2} \quad -1\frac{2}{4}$
$5\frac{1}{4}$

$7\frac{1}{5} \rightarrow 6\frac{6}{5}$
$-2\frac{3}{5} \quad -2\frac{3}{5}$
$4\frac{3}{5}$

$6 \rightarrow 5\frac{4}{4}$
$-3\frac{1}{4} \quad -3\frac{1}{4}$
$2\frac{3}{4}$

Subtract. Regroup first if needed. Write the answers in simplest form.

A

$2\frac{1}{2}$ $-1\frac{1}{4}$ _____

$3\frac{5}{6}$ $-2\frac{1}{3}$ _____

$5\frac{3}{9}$ $-1\frac{2}{3}$ _____

B

$4\frac{5}{7}$ $-3\frac{1}{4}$ _____

$6\frac{3}{10}$ $-2\frac{4}{5}$ _____

$7\frac{3}{8}$ $-6\frac{3}{4}$ _____

C

$9\frac{2}{3}$ $-5\frac{4}{6}$ _____

$8\frac{5}{12}$ $-3\frac{1}{4}$ _____

$4\frac{5}{6}$ $-2\frac{3}{5}$ _____

Solve.

D Kent is 2 ½ inches shorter than Brian. Brian is 59 ¼ inches tall. How tall is Kent?

_____

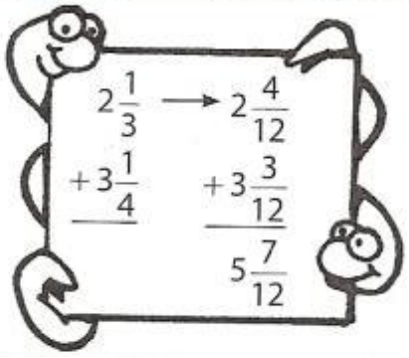
E Kelly skated 1⅔ hours. Linda skated 2 ⅙ hours. How much longer did Linda skate than Kelly?

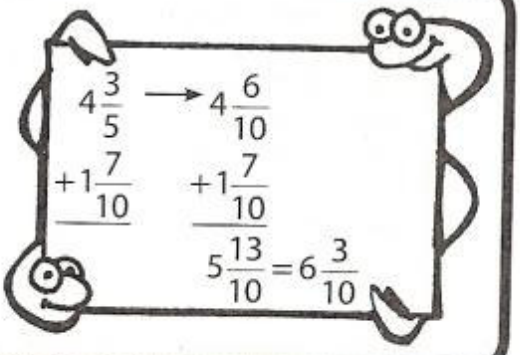
_____

Name _____ Date _____

Adding Mixed Numbers

When adding mixed numbers, first make sure the fractional parts have common denominators. Next, add the fractions. Then, add the whole numbers.





Add. Write the answers in simplest form. The first one is done for you.

A

$2\frac{1}{2} \rightarrow 2\frac{4}{8}$
$+5\frac{1}{8} \quad +5\frac{1}{8}$
$7\frac{5}{8}$

$3\frac{1}{3}$
$+3\frac{2}{15}$

$4\frac{9}{12}$
$+2\frac{4}{6}$

B

$4\frac{2}{7}$
$+6\frac{5}{14}$

$2\frac{3}{5}$
$+1\frac{1}{6}$

$6\frac{4}{6}$
$+5\frac{1}{3}$

C

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

$2\frac{8}{12}$
$+6\frac{3}{8}$

$5\frac{1}{6}$
$+2\frac{2}{3}$

Solve.

D A pet store owner had two snakes. One was 1¾ feet long, and the other was 1⅝ feet long. If the snakes were placed end-to-end to form a line, how long would the line be?

_____

E A snake crawled 5 ⅔ yards across the field. Then it crawled 3 ⅖ yards more. How far did it crawl in all?

_____