Mixed-Number Addition

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NAME DATE TIME

SRB 47, 162–163

Solve the number stories. Use a different strategy for each one.

(1) The art class had a box filled with balls of yarn. The students used $6\frac{2}{3}$ balls for a project. There are now $2\frac{2}{3}$ balls left in the box. How many balls of yarn did the art class start with?

a. Fill in the whole box.

Whole

b. Number model with unknown:

_____

c. One way to solve a mixed-number addition problem:

d. Answer (with unit): _____

(2) Mrs. Meyers is growing vines along the sides of her house. On the west side the vines are $2\frac{4}{10}$ meters tall. On the east side the vines are $5\frac{8}{10}$ meters taller than the ones on the west side. How tall are the vines on the east side?

a. Fill in the whole box.

Whole

b. Number model with unknown:

_____

c. A different way to solve a mixed-number addition problem:

d. Answer (with unit): _____

Add. Show your work.

(3) $5\frac{2}{6} + 3\frac{1}{6} =$ _____

(4) $1\frac{5}{8} + 2\frac{3}{8} =$ _____

(5) $3\frac{3}{4} + 2\frac{3}{4} =$ _____

(6) $3\frac{2}{5} + 1\frac{4}{5} + 2\frac{3}{5} =$ _____

Practice

(7) $837 * 6 =$ _____

(8) _____ $= 468 * 5$

(9) _____ $= 364 * 3$

(10) $56 * 70 =$ _____