





EXAMPLE Mixed Numbers as Decimals

a. $\frac{3}{10}$

BEVERAGES At a meeting, people drank 25 bottles of water. The water came in packs of 8. This makes $3\frac{1}{2}$ eight-packs. Write this number as a decimal.

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|---------------------------------------|--|
| $3\frac{1}{8} = +$ | Definition of a mixed number. |
| $= 3 + 1 \div 8$ enter | Use a calculator to write $\frac{1}{8}$ as a decimal. |
| = + or | Read 3.125 as three and one hundred twenty-five thousandths. |
| People at the meeting drank water. | eight-packs of bottled |

Check Use a calculator. 3 + 1 ÷ 8 ENTER 3.125 ✓

Check Your Progress PAPER Lilly's school used $5\frac{4}{25}$ boxes of paper copying newsletters to be distributed to each student in the school. Write this number as a decimal.

HOMEWORK **ASSIGNMENT**

Page(s): Exercises:

