▶ Real World Problems

Write an equation. Then solve.   *Show your work.*

30. Daniel spent $1\frac{1}{4}$ hours playing soccer on Saturday and $\frac{3}{4}$ hour playing soccer on Sunday. How much time did he spend playing soccer over the weekend?

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31. A pitcher contains $4\frac{3}{8}$ cups of juice. Antonio pours $\frac{5}{8}$ cup into a glass. How much juice is left in the pitcher?

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32. Shayna walked from school to the library. Then she walked $1\frac{3}{10}$ miles from the library to her apartment. If she walked $2\frac{1}{10}$ miles in all, how far did she walk from school to the library?

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33. The vet said Lucy's cat Mittens weighs $7\frac{1}{4}$ pounds. This is $1\frac{2}{4}$ pounds more than Mittens weighed last year. How much did Mittens weigh last year?

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34. The width of a rectangle is $3\frac{5}{6}$ inches. The length of the rectangle is $1\frac{4}{6}$ inches longer than the width. What is the length of the rectangle?

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35. Choose one of the problems on this page. Draw a model to show that your answer is correct.