Write and Evaluate Expressions

Solve problems 1–6.

1. Chad did his homework in 10 minutes on Monday. On Tuesday it took him twice as long to do his homework as it did on Monday. Write an expression to show how long it took Chad to do his homework both nights.

2. Frank is 3 years less than twice as old as Brad. If Brad is 5, write an expression to show Frank’s age.

3. Amanda checked out 7 fiction books from the library. She also checked out three times as many non-fiction books. The next day, Amanda returned 5 books to the library. How many books does she have now? Write an expression to explain your answer.

4. Nicole jumped rope for 5 minutes on Monday. On Tuesday she jumped twice as long as she did on Monday. On Wednesday, she jumped 8 minutes longer than she did on Monday. How many minutes did Nicole spend jumping rope all together? Write an expression to explain your answer.

5. Heather is twice as old as Natalie. Abby is 3 years younger than Heather. If Natalie is $x$ years old, how old is Abby? Find Abby’s age and Heather’s age when $x = 9$. Write expressions to solve. Write the girls’ names in order from the oldest to the youngest.

6. Travis wrote the following expression to show that his sister’s age is 5 years less than twice his age. Explain what he did wrong. Give the correct expression.

Use with text pages 104–106.