

Worksheet 2-3 – Writing Equations (EE7)

Translate each sentence into an equation.

- Four more than twice a number is 8.
- Three more than four times a number is 15.
- Five less than twice a number is 7.
- One less than four times a number is 11.
- Seven more than the quotient of a number and 2 is 10.

<p>6. EXERCISE Ella swims four times a week at her club's pool. She swims the same number of laps on Monday, Wednesday, and Friday, and 15 laps on Saturday. She swims a total of 51 laps each week. How many laps does she swim on Monday?</p> <p>I'm solving for: My variable is: My equation is:</p> <p>The solution is:</p>	<p>7. SHOPPING While at the music store, Drew bought 5 CDs, all at the same price. The tax on his purchase was \$6, and the total was \$61. What was the price of each CD?</p> <p>I'm solving for: My variable is: My equation is:</p> <p>The solution is:</p>
<p>8. STUDYING Over the weekend, Koko spent 2 hours on an assignment, and she spent equal amounts of time studying for 4 exams for a total of 16 hours. How much time did she spend studying for each exam?</p> <p>I'm solving for: My variable is: My equation is:</p> <p>The solution is:</p>	<p>9. TAXI A taxi service charges you \$1.50 plus \$0.60 per minute for a trip to the airport. The distance to the airport is 10 miles, and the total charge is \$13.50. How many minutes did the ride to the airport take?</p> <p>I'm solving for: My variable is: My equation is:</p> <p>The solution is:</p>