

Part 7 In Proportion

Solve the following problems using pencil and paper or a calculator.

1. David and Felicia both brought chocolate chip cookies for dessert with their lunches.
 - A. David counts 14 chips in his two cookies. What is the ratio of chips to cookies in David's lunch?

 - B. Felicia counts 35 chips in her 5 cookies. What is the ratio of chips to cookies in Felicia's lunch?

 - C. Who has the higher ratio of chocolate chips to cookies? Explain.

2. Notebooks are on sale for 3 for \$1.29. Alexis's mother decides to stock up on them.
 - A. If she buys nine notebooks, how much will she spend on notebooks?

 - B. If she buys ten notebooks, how much will she spend? What does one notebook cost?

3. Candy bars come in packages of 5 for \$2.00.
 - A. What is the price for 15 candy bars?

 - B. Give two different strategies you can use to solve the problem.

4. Arti is mixing some orange paint for the class mural. She mixes 3 squirts of yellow to 2 squirts of red and gets a beautiful orange color. Shannon put 9 squirts of yellow in her bowl. If she wants to get the same orange color as Arti, how many squirts of red should she use?