

# Writing Ratios From Word Problems

Write each ratio three ways: using "to", with a colon, and as a fraction.

1 Devon completed 5 pull-ups and 27 sit-ups at the gym. What is the ratio of the number of pull-ups to the number of sit-ups Devon completed?

5 to 27   5 : 27    $\frac{5}{27}$

2 In a survey, 23 people said they visited the beach last summer, and 45 people said they did not. What is the ratio of the number of people who visited the beach last summer to the number of people who did not?

23 to 45   23 : 45    $\frac{23}{45}$

3 Ana's class is organizing a bake sale. They have 115 baked goods to sell, and 84 of them are cookies. What is the ratio of the total number of baked goods to the number of cookies?

115 to 84   115 : 84    $\frac{115}{84}$

4 There are 111 sixth graders at Wayne Middle School, and 47 of them play an instrument. What is the ratio of the number of sixth graders who play an instrument to the total number of sixth graders?

47 to 111   47 : 111    $\frac{47}{111}$

5 Max is a dog groomer. Today, he has 5 appointments before lunch and 4 appointments after lunch. What is the ratio of the number of appointments Max has before lunch to the total number of appointments?

5 to 9   5 : 9    $\frac{5}{9}$

6 Jess made 25 candles, and she sold 14 of them at a craft fair last weekend. What is the ratio of the number of candles Jess made to the number of candles she still has to sell?

25 to 11   25 : 11    $\frac{25}{11}$