Decimals in Real-World Word Problems

1) Apples cost $1.79 per pound. How much will 4 pounds cost?

1.79 x 4 = $7.16

2) A package of rice weighs 12.75 ounces. If one serving is .25 ounces, how many servings will one bag make?

12.75 ÷ .25 = 51 servings

3) Joe walked 3.5 miles on Monday, 2.45 miles on Wednesday, and .8 miles on Friday. How far did he walk altogether?

3.5 + 2.45 + .8 = 6.75 miles

4) Lynne is going to make two shelves. The board she has is 78.35 cm long. If she makes one shelf that is 45.6 cm long, how long will the other shelf be?

78.35 – 45.6 = 32.75 cm