Read and answer each question. Show your work!

Mixed Practice Word Problems #6

1. Mrs. Hilt bought a one-year swimming pool pass for $390. If she makes one payment per month for one year, how much is each payment?

2. Mrs. Hilt read 37 books every month. How many books did she read from September 2007 to January 2009?

3. Mrs. Hilt met with 120 fourth-graders. If three-quarters of those students were girls, how many boys were at the meeting?

4. Mrs. Hilt bought four strings of holiday garland that were 12 feet long. She needs 45 feet of garland to string on her post. Does she have enough garland? If not, how much extra does she need? If so, how much extra does she have?

5. Mrs. Hilt had a $20.00 bill. If pens cost 10 cents each, how many pens could Mrs. Hilt buy with her money?

Answers

1. 390 ÷ 12 = 32.5
   Each payment is $32.50.

2. There are 17 months total. 17 x 37 = 629
   She read 629 books.

3. 120 x 3 = 360. 360 ÷ 4 = 90 were girls. 120 – 90 = 30 were boys.
   There were 30 boys.

4. 12 x 4 = 48. 48 – 45 = 3 extra.
   Yes, she has enough. She has 3 feet extra.

5. 20.00 = 2000 cents. 2000 ÷ 10 = 200
   She can buy 200 pens.