Mixed practice word problems

1. Mrs. Hilt has 6 boxes of markers. Each box has 19 markers in it. If she sold each marker for $0.75, how much money would Mrs. Hilt earn?

2. Mrs. Hilt learned that $1,348 worth of tickets were sold at the carnival. If tickets cost 4 for $1, how many tickets were sold?

3. Mrs. Hilt had 4 pizzas. Each pizza had 8 slices. If Mrs. Hilt ate 50% of the pizza slices, how many slices were left?

4. Mrs. Hilt sold 120 pencils for $0.35 each. If half of the cost is profit, how much profit did she make on the pencils?

5. Mrs. Hilt runs $3\frac{5}{12}$ miles every Monday, Wednesday, and Friday. How many miles will she run in a month in which there are 4 Mondays, 4 Wednesdays, and 4 Fridays?

Answers

1. 6 x 19 = 114 markers
    114 x 0.75 = 85.5
    She would earn $85.50.

2. 1,348 x 4 = 5,392
    5,392 tickets were sold.

3. 4 x 8 = 32 slices
    50% is the same as half.
    32 ÷ 2 = 16
    16 slices were left.

4. 120 x 0.35 = $42
    42 ÷ 2 = $21
    She made $21 profit.

5. Change $3\frac{1}{2}$ into an improper fraction.
    3 x 2 + 1 = 7
    So, we get $\frac{7}{2}$.
    She runs for 12 total days.
    $\frac{7}{2}$ x $\frac{12}{1}$ = $\frac{84}{2}$ = 42
    She will run 42 miles.