

**Calculating Piecework**

1. Jared is a freelance writer for the local newspaper. He is paid according to the list below.

First 150 articles....\$100 each

Up to 200 articles....\$125 for each article beyond 150

Over 200 articles....\$150 for each article beyond 200

- a. How much would he earn if he wrote 310 articles?

**Hint:**

A total of 310 is more than 150, so the first 150 articles will earn \$100/article.

On the next 50, (200-150), he will earn \$125/article.

On the next 110 (310-200), he will earn \$150/article.

2. Levi delivers newspapers in his neighbourhood. He is paid piecework based on the number of papers he delivers.

For the first 25 papers delivered, he earns \$0.25/paper

For the next 10 papers delivered, he earns \$0.35/paper

Over 35 papers delivered, he earns \$0.50/paper

- a. What is the least number of papers he needs to deliver to earn the maximum pay of \$0.50/paper?

- b. If Levi delivers 40 papers, how much will he earn?