

Pants Profits

As you can see: Luigi's and Yang's numbers are pretty close... it's going to take a mathematician like yourself to compare them and work out who is making the larger profit!

For the purpose of your calculations: *a month is made up of exactly four weeks.*

Luigi's Wools	Yang's Silks
<u>Amount spent on materials</u> \$350.50 per week	<u>Amount spent on materials</u> \$410 per week
<u>Amount spent on bills</u> \$622.56 per month	<u>Amount spent on bills</u> \$215 per week
<u>Amount spent paying employees</u> \$2120.44 per month	<u>Amount spent paying employees</u> Once supplies and bills are paid for, Yang pays his employees 5/6 of the amount earned in the month
<u>Amount earned selling pants</u> Week 1: \$754.52 Week 2: \$1212.24 Week 3: \$582.66 Week 4: \$1450.58	<u>Amount earned selling pants</u> Week 1: \$1143.93 Week 2: \$970.16 Week 3: \$1356.03 Week 4: \$2029.88