

The Great Pants Profits Contest: Teacher's Notes

Students' original balance sheet

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

Amounts earned and amounts spent

Luigi's Wools	Yang's Silks
<u>Amount spent on materials</u> \$1402 per month	<u>Amount spent on materials</u> \$1640 per month
<u>Amount spent on bills</u> \$622.56 per month	<u>Amount spent on bills</u> \$860 per month
<u>Amount spent paying employees</u> \$2120.44 per month	<u>Amount spent paying employees</u> \$2500 per month
<u>Amount earned selling pants</u> \$4000	<u>Amount earned selling pants</u> \$5500

Net profits

Luigi's Profits: **-\$145**

Yang's Profits: **\$500**

Luigi would have had to sell \$145 worth more to break even.

Luigi's growth costs

Costs for growing Luigi's Wools	
\$197.25	sewing machine
\$125.25	color dyes
\$96	advertising
\$40.15	signs
\$72	ornaments
\$80.30	shelves
\$80	potted plant
\$157.10	A/C unit
\$848.05	total cost

Results of the Sale

Luigi's Sale

1st Hour: \$127.42

2nd Hour: \$208.22

3rd Hour: **\$335.64**

4th Hour: \$92.89

Total: **\$764.17**

Yang's Sale

1st Hour: \$103.61

2nd Hour: **\$220.31**

3rd Hour: **\$223.71**

4th Hour: \$204

Total: \$751.63