

- **Before** doing a calculation it is a good idea to estimate the answer first. Why?
- Estimate how many more inventions there were in 1860 compared to 1800. Tell your partner how you got your estimate.

Year	Number of inventions
1800	41
1810	223
1820	155
1830	544
1840	458
1850	883
1860	4357

There were about 20 times as many inventions in 1860 as there were in 1810.

How might Jess have worked this out?

