Lesson 2: Multiplying Powers of Ten

Cool Down: That's a Lot of Dough, Though!

1. Rewrite $10^{32} \cdot 10^6$ using a single exponent.

2. Each year, roughly 10^6 computer programmers each make about $\$10^5$. How much money is this all together? Express your answer both as a power of 10 and as a dollar amount.