

The "long" division algorithm

Connect

In 4th grade, you learned the partial quotients method to divide numbers.

973 divided by 3

I do

Today I want to share a strategy for doing the same partial quotient method, but in the fastest possible way

973 divided by 3

284 divided by 4

We do

**A wonderful donor
bought 475 Expo
markers for 4 5th
grade teachers to
share**

Wait a minute... make that 275.

You do together on whiteboard

During a big school event, we will need to fit all 535 RD Head students into 4 rooms.

$$4 \overline{) 535}$$

~~We will need that 7 rooms~~

You do alone on index card

$$2 \overline{) 945}$$