Multi-step problems involving metric conversions

Connect

distance
length

weight

capacity
(how much liquid)

kilogram

K 5

H 50

hecto meter

D 500

decaliter
liter

5000

,10

meter

gram

D 50,000

decimeter

C 500,000

centigram

M 5,000,000

milliliter

I do

Dr Doblar filled a 2-liter bottle with water. He loves his class so much that he wants to give students 100 mL of water just to be nice. How many groups can he give 100 mL of water to from his 2 liters?

We do

Madison has 16 meters of fabric. For her birthday, she wants to give the friends who come to her party each a craft that requires 20cm of fabic. 15 people are coming. Does she have enough fabric?

m

50

m m

4 0,0 00

**You do together
on whiteboard**

At a track meet, Jason ran a 3 kilometer
race. Each lap around the track
is 400 meters. How many laps did
Jason run?

**You do alone on
index card**

Dr Doblar bought a 10 meter roll of duct tape.

He wants to give all 30 students 50 ~~milli~~ Centi meters
of duct tape for an investigation.

Did he buy enough? How much extra will he
have, or how much more does he need?

We do

**You do together
on whiteboard**

**You do alone on
index card**