

Name \_\_\_\_\_

## Converting metric units | mm, cm, and m

Answer the following questions.

1) John is building a model airplane. He needs a wooden rod that is 3.8 m long. If the hardware store sells rods measured in mm, how long should the rod be?	2) Emily is knitting a scarf and needs a ribbon that is 58 cm long. If the ribbon she has is measured in m, how many m long is the ribbon?
3) David is constructing a fence around his garden. The length of one side of the garden is 6.5 m. If he prefers to measure the length in cm, how long is the side of the garden in cm?	4) Sarah is organizing her bookshelf. The length of one shelf is 845 mm. If she prefers to measure the length in m, how long is the shelf in m?
5) Lisa wants to sew a curtain and needs a fabric that is 4.5 m long. If the fabric she found is measured in cm, how many cm long is the fabric?	6) Michael is measuring a table for his woodworking project. The length of the table is 1.2 m. If he prefers to measure the length in mm, how long is the table in mm?
7) Sarah's garden hose is 15 m long. If she needs to express the length in centimeters, how long is the garden hose in centimeters?	8) Emma is wrapping a gift with a ribbon that is 0.9 m long. If she prefers to measure the length in mm, how long is the ribbon in mm?