

Metric Conversions & Problem Solving

Length: mm, cm, m, & km

Name: _____

4.8B
4.8C

1. A cereal box is 290 mm tall. How many cm is this equivalent to?

expression		

2. A rug is 2 meters wide. How many centimeters wide is the rug?

expression		

3. A piece of candy is 3 cm wide. How many millimeters is this equivalent to?

expression		



4. A race is 4 km. How many meters is this equal to?

expression		



5. A large painting is 300 centimeters tall. How many meters tall is the painting?

expression		

6. The distance between Houston and Dallas is 384,000 m. How many km is that equal to?

expression		

7. A race is 1 km long. Damian has run 578 meters of the race. How much does he have left to run?

8. A soccer ball is 70 cm wide. A baseball is 73 mm wide. How much wider is a soccer ball than a baseball?

9. An iPhone 7 is 138.3 mm long. An iPhone 7 plus is about 2 cm longer than an iPhone 7. How long is an iPhone 7 plus in mm?

10. Tim has 3 cars that are 12 cm long and 1 car that is 70 mm long. If he places all 4 cars end-to-end, how long will the line be?

11. Taylor has a goal to run 5 km. She ran 1,200 m each day for 3 days. How far does she need to run to reach her goal?

12. Grace is making a necklace that is 30 cm long. She used 12 beads that are each 15 mm wide. How many 1 cm beads does she need to add to finish the necklace?

