

Name: Class:



Compare and convert metric units of length

<p>1. Convert 234 millimeters to meters</p>	<p>5. Convert 4,000 millimeters to meters</p>
<p>2. Convert 11 meters to centimeters</p>	<p>6. Convert 20 meters to centimeters</p>
<p>3. Convert 7 meters to kilometers</p>	<p>8. Convert 10 meters to kilometers</p>
<p>4. Convert 3,200 millimeters to meters</p>	<p>7. Convert 200 millimeters to meters</p>



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Compare and convert metric units of length

1. Convert 234 millimeters to meters
 If 1,000 millimeters = 1 meter,
 Then, 234 millimeters will be equal to,
 $\frac{234 \times 1}{1,000}$ meters = 0.234 meters

So, 234 millimeters = 0.234 meters

5. Convert 4,000 millimeters to meters
 If 100 millimeters = 1 meter
 Then, 4,000 millimeters will be equal to
 $\frac{4,000 \times 1}{1,000}$ meters = $\frac{40}{10}$ meters = 4 meters

So, 4,000 millimeters = 4 meters

2. Convert 11 meters to centimeters
 If 1 meter = 100 centimeters
 Then, 11 meters will be equal to,
 $\frac{100 \times 11}{1}$ centimeters = 1,100 centimeters

So, 11 meters = 1,100 centimeters

6. Convert 20 meters to centimeters
 If 1 meter = 100 centimeters
 Then, 20 meters will be equal to,
 $\frac{100 \times 20}{1}$ centimeters = 2,000 centimeters

So, 20 meters = 2,000 centimeters

3. Convert 7 meters to kilometers
 If 1,000 meters = 1 kilometer
 Then, 7 meters will be equal to,
 $\frac{7 \times 1}{1,000}$ kilometers = 0.007 kilometers

So, 7 meters = 0.007 kilometers

8. Convert 10 meters to kilometers
 If 1,000 meters = 1 kilometer
 Then, 10 meters will be equal to,
 $\frac{10 \times 1}{1,000}$ kilometers = 0.01 kilometers

So, 10 meters = 0.01 kilometers

4. Convert 3,200 millimeters to meters
 If 1,000 millimeters = 1 meter
 Then, 3,200 millimeters will be equal to,
 $\frac{3,200 \times 1}{1,000}$ meters = $\frac{32}{10}$ meters = 3.2 meters

So, 3,200 millimeters = 3.2 meters

7. Convert 200 millimeters to meters
 If 1,000 millimeters = 1 meter,
 Then, 200 millimeters will be equal to,
 $\frac{200 \times 1}{1,000}$ meters = 0.2 meters

So, 200 millimeters = 0.2 meters

