

ACADEMIC SKILLS PROGRAM
STUDENT SERVICES AND DEVELOPMENT

UNIT CONVERSION – EXERCISE & ANSWER KEY

EXERCISE

1. Joe lives in Toronto and he is going to school in North Bay. He is told that the distance between Toronto and North Bay is about 350,000 metres. Could you help him to figure out the distance in kilometer? i.e. $350,000 \text{ m} = \underline{\hspace{2cm}} \text{ km}$?
2. The current men's world record of 100 m race is 9.58 s held by Usain Bolt of Jamaica, set at the 2009 World Athletics Championships final on 16 August 2009, breaking his own previous world record by 0.11 s. His average speed at this game is 10.4384 m/s. What is his average speed in km/hour? i.e. $10.4384 \text{ m/s} = \underline{\hspace{2cm}} \text{ km/hr}$?





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3. An Olympic Pool's volume is 2,500,000 litres. What is the volume in cubic metres?

ANSWER KEY

1. 350 km
2. 37.57824 km/hr
3. 2,500 m³