TT1 – 9 Possible Solutions

TT 1. It takes 1 min to get from point A to point B.

TT 2. It is 100 m from point A to point B.

TT 3. The person going from point A to point B is moving at 1.67 m/s.

$$\frac{100\text{ m}}{1\text{ min}} = \frac{100\text{ m}}{60\text{ s}} = 1.67\text{ m/s}$$

TT 4. It takes 1 min to get from point B to point C.

TT 5. It is 0 m from point B to point C.

TT 6. The person is not moving.

TT 7. The person is moving 2.5 m/s.

$$\frac{300\text{ m}}{2\text{ min}} = \frac{150\text{ m}}{1\text{ min}} = \frac{150\text{ m}}{60\text{ s}} = 2.5\text{ m/s}$$

TT 8. The person has returned to the start, so he or she is 0 m away from the start point.

TT 9. The person has hiked 800 m during the entire trip, since it is 400 m to the farthest destination plus 400 m back to the beginning.