

A car travels at a constant speed 100km/h, how long does it take to travel 150km?

- 1.2 h
- 1.4 h
- 2 h
- 1.5 h

The resistance with color code (brown = 1, black = 0, orange = 3, gold =  $\pm 5\%$ ) is equal to

- 3k $\Omega$
- 1k $\Omega$
- 10k $\Omega$
- 5k $\Omega$

One of the following is true in hybrid vehicle

- The battery is used to power the electrical motor in the hybrid vehicle
- Emissions can't be reduced in hybrid vehicle because of gasoline engine
- The electrical motor device can't be used as generator
- The hybrid vehicle is not safe