

Knowledge catcher: Mechanical cars

Three prototype cars are built to find the best mechanism for making a toy car.



prototype one



prototype two



prototype three

1 Describe how the wheel and axle mechanism works.

2 How do the rubber bands in prototypes two and three help the cars move?

3 Which of the following is the best method for attaching the parts: sticky tack, masking tape or hot glue?

4 Explain the importance of the rubber bands on the back wheels of prototype three.
