

Mechanical Systems

Topic 8 - People and Machines Practice Quiz

1. Science and technology have given us many improvements in transportation. One of the most notable was the development of the 'horseless carriage', which was ...
scooter

segway

automobile

train

2. The Industrial Revolution enabled people to build many machines in a short period of time. This meant that more people could get these machines. The manufacturing process that made this possible was called ...
mass hysteria

mass production

industrial efficiency

international exports

3. Automobiles have continued to improve over the years. The improvements in fuel-efficiency and better gas mileage have come as a result of the invention and wide spread use of ...
bigger engines and aerodynamics

hydrogen and water power

fuel-injection and catalytic converters

urban renewal and urban sprawl

4. Machines have changed over time because of the purpose for which it is being used. Scientists ask themselves some difficult questions, including ...

How much is it going to cost?

Why should it be changed?

How difficult is it going to be to improve it?

What are the pros and cons?

5. When scientists discover a way to improve a device's comfort or efficiency they are tested. This testing provides additional scientific information to the designers. The research activity which analyzes improvements in comfort is referred to as 'the science of ...

modification

pneumatics

ergonomics

hydraulics

Check your

Answers

Mechanical Systems

Topic 8 - People and Machines Practice Quiz

1. Science and technology have given us many improvements in transportation. One of the most notable was the development of the 'horseless carriage', which was ...
scooter

segway

automobile

train
2. The Industrial Revolution enabled people to build many machines in a short period of time. This meant that more people could get these machines. The manufacturing process that made this possible was called ...
mass hysteria

mass production

industrial efficiency

international exports
3. Automobiles have continued to improve over the years. The improvements in fuel-efficiency and better gas mileage have come as a result of the invention and wide spread use of ...
bigger engines and aerodynamics

hydrogen and water power

fuel-injection and catalytic converters

urban renewal and urban sprawl

4. Machines have changed over time because of the purpose for which it is being used. Scientists ask themselves some difficult questions, including ...

How much is it going to cost?

Why should it be changed?

How difficult is it going to be to improve it?

What are the pros and cons?

5. When scientists discover a way to improve a device's comfort or efficiency they are tested. This testing provides additional scientific information to the designers. The research activity which analyzes improvements in comfort is referred to as 'the science of ...

modification

pneumatics

ergonomics

hydraulics