

Name _____

SHORT ANSWER. Write the word or phrase that best completes each statement or answers the question.

1) What is the definition of horsepower?

2) What are the strokes of a four-stroke cycle?

3) How is the angle between power strokes determined?

4) How is the size of an engine measured?

5) How are engine classified?

Answer Key

Testname: INTRO_SHORT14

- 1) One horsepower was determined to be the power required to move 550 pounds one foot in one second or 33,000 pounds one foot in one minute ($550 \times 60 \text{ seconds} = 33,000 \text{ pounds per minute}$).
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- 2) The four strokes of a four-stroke engine include intake, compression, power, and exhaust.
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- 3) To find the angle between power strokes of an engine, divide 720 by the number of cylinders.
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- 4) The size of the engine is measured in the volume that the cylinder contains and expressed in cubic inches or cubic centimeters (liters).
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- 5) Engine are classified by how many cylinders, types of fuel (gasoline or diesel, for example), and number of camshafts and valves (SOHC, DOHC).
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