Name_____

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

1) How is the angle between power strokes determined?

_____
_____

2) What brands of vehicles use horizontally opposed 4- and 6-cylinder engines?

_____
_____

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

_____
_____

4) If an engine at sea level produces 100 horsepower, how many horsepower would it develop at 6,000 feet of altitude?

_____
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_____
_____

1) To find the angle between power strokes of an engine, divide 720 by the number of cylinders.
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2) This style of engine is used in Porsche and Subaru engines, and is often called the boxer or pancake engine design
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3) The four strokes of a four-stroke engine include intake, compression, power, and exhaust.
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4) An engine loses 3% of its power for each 1,000 feet above sea level. Therefore, at 6,000 feet, an engine would lose 18% (3 × 6 = 18) or 18 hp. Therefore, if an engine develops 100 hp at sea level, that same engine will produce 82 hp when operating at 6,000 feet altitude.
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