Momentum Worksheet

Pre assessment

Name_____ Date _____

True or False?

_____1.) Momentum is not equal to the mass of an object divided by its velocity.

_____2.) The momentum of an object can change.

_____3.) Two objects with the same mass will always have the same momentum.

_____4.) All moving objects don't have momentum.

_____5.) When an object speeds up, it gains momentum.

_____6.) Objects with different masses can't have the same momentum.

_____7.) Direction does not matter when you are measuring momentum.

_____8.) Momentum can be transferred from one object to another.

_____9.) When objects collide, some momentum is lost.

_____10.) A tiny bullet can have more momentum than a huge truck.

Fill in the blank.

11.) A moving car has momentum. If it moves twice as fast, its momentum is

_____ as much.

12.) Two cars, one twice as heavy as the other, move down a hill at the same speed.

Compared to the lighter car, the momentum of the heavier car is _____ as

much.

LIVEWORKSHEETS