

Name \_\_\_\_\_ period \_\_\_\_\_

## 8<sup>th</sup> grade DO NOW WEEK 7

### 8.6B Differentiate between speed, velocity and acceleration

Date \_\_\_\_\_

Speed can be expressed in meters per second, miles per hour or kilometers per hour. Write three examples of speed with its appropriate units.

1. Underline the question.
2. Box the important vocabulary words.
3. Tell something else you know about this topic.

\_\_\_\_\_

4. Answer the question in the space below.

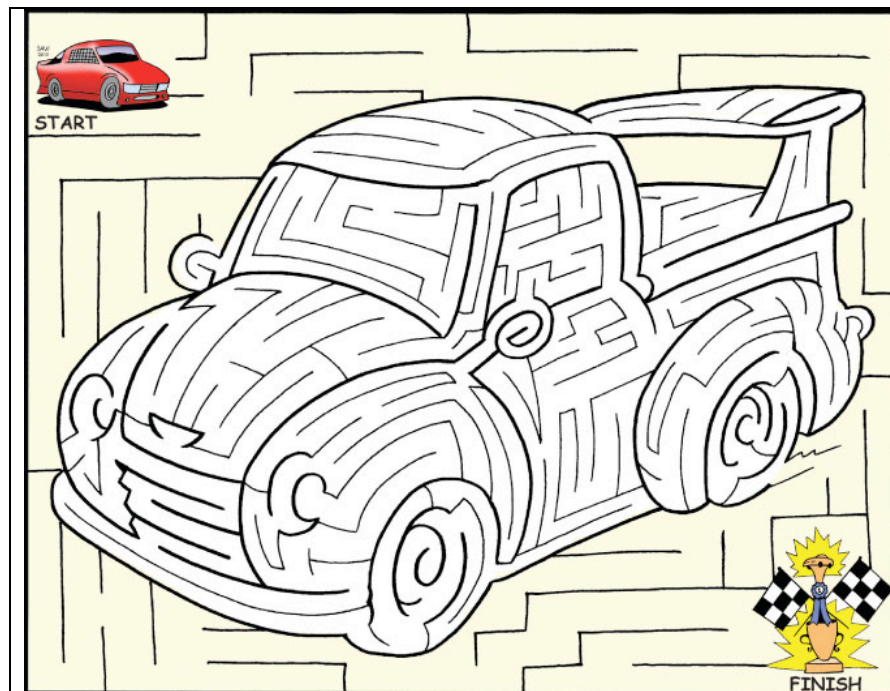
Date \_\_\_\_\_

Velocity is expressed as a speed with a direction. Write three examples of velocity with its appropriate units.

1. Underline the question.
2. Box the important vocabulary words.
3. Tell something else you know about this topic.

\_\_\_\_\_

4. Answer the question in the space below.



Date \_\_\_\_\_

Acceleration is a change in speed or a change in direction. What are the units for acceleration?

1. Underline the question.
2. Box the important vocabulary words.
3. Tell something else you know about this topic.

\_\_\_\_\_

4. Answer the question in the space below.

Date \_\_\_\_\_

An object is moving 45 meters per second, southwest.  
Name 3 ways you can change the velocity of this object.

1. Underline the question.
2. Box the important vocabulary words.
3. Tell something else you know about this topic.

\_\_\_\_\_

\_\_\_\_\_

4. Answer the question in the space below.



Slot Car

X C S U H  
D A N I T R A D  
S R Y L Q E L B  
F T C I C R L E Y  
O D R C R C M L D C  
A O R N A I N O I N I P D  
R W N M F G R T R A N S F O R M E R P L  
N E I B N J R U C T T F I E H T L O C E R  
G U I D E E A E O S H X I V S O C N I N W R  
V C J T C C N R Y T Z B E R Y S S T O O E J  
E Y Z Q K E C A A Y O L U L E X A N K C H S  
U W H E E L S M L C L M F I A S U H A A K F  
Q L R E R X R Q Y M E J W A L C V P C J Q  
T B G A T S O N  
A P I U

Artin	lexan	Scalextric
axle	magnet	scratchbuilt
Carrera	motor	SCX
chassis	MRRC	silicone
controller	Ninco	spacer
crown	Parma	Strombecker
Fly	pinion	tires
guide	race	Tracker
lane	Rad Trax	transformer
layout	Revell	wheels