

Natural Laws and Traction

Video Review 6.1

Video Review 6.1: Understanding Car Crashes: It's Basic Physics

Name

Date

1. What is inertia? _____

2. What is the basis for many of the ideas used to keep people safe? (i.e., airbags, crumple zones, crash cushions, breakaway utility poles)

3. What happens in a collision with two cars of unequal mass? _____

4. Why is it important for the vehicle's structure to perform well in a crash?

Intersections**Video Review 6.2****Video Review 6.2: Approaching, Entering, Stopping and Turning at Intersections**

Name

Date

1. Where should the driver position the vehicle in the lane when turning?

2. To keep from driving over the curb when turning, what should the driver do?

3. When turning right on a road with multiple lanes, into which lane should the driver enter when making and completing the turn?

4. When turning left onto a multi-lane road a) into which lane should the driver turn, b) and which lane should the driver change to once stabilized?
 - a. _____
 - b. _____
5. The driver should never enter an intersection unless the driver is sure of what?

Changing Lanes**Video Review 6.3****Video Review 6.3: Changing Lanes**

Name

Date

1. When is it an absolute necessity to check behind?

2. When is a car too close to your vehicle when attempting to change lanes?

3. Which mirror, inside or outside gives you the true picture of where other vehicles are behind you on the roadway?

Turning Around**Video Review 6.4****Video Review 6.4: Turning Around**

Name

Date

1. What is the safest way to turn around? _____

2. When heading into an alley or driveway on your left to turn around where should you stop the vehicle once in the lane?

3. When is the only time you should use the three-point turnabout maneuver to turn around?

Parking**Video Review 6.5****Video Review 6.5: Parking**

Name

Date

1. How is perpendicular parking similar to making a right turn?

2. How should a driver position the car before parallel parking? _____

3. When parallel parking, how far from the curb should the driver position the tires?

4. What should a driver do to keep the car from moving while unattended?

5. When parking uphill, with a curb, which way should the driver turn the tires?

Passing and Being Passed**Video Review 6.6****Video Review 6.6: Passing**

Name

Date

1. At 55 mph, you traveled 968 feet; you need _____ as much distance to pass a vehicle ahead.
2. If the oncoming car seems to be getting closer: _____
3. When curbs or hills keep you from seeing far enough ahead: _____

4. Don't start to pass unless: _____

Unit 6 Words to Know Matchup

Worksheet 6.7

Name _____

Date _____

Directions: Match the clues on the left with the words in the list on the right. Place the matching letter in the blank to the left of the number.

- | | | |
|-----------|--|--------------------------|
| _____ 1. | Should be obeyed first if there is also a crosswalk present. | A. Balance |
| _____ 2. | Pulling ahead slightly, after stopping at the legal position behind the stop line or crosswalk, and stopping again where visibility is improved. | B. Changing lanes |
| _____ 3. | White lines found at intersections to allow for larger vehicles to complete turns. | C. Crosswalk |
| _____ 4. | Defines the area where pedestrians may cross the roadway | D. Double stops |
| _____ 5. | Turning the vehicle around in a limited space by moving in a series of back and forward movements. | E. Inertia |
| _____ 6. | The contact between the tire and road surface. | F. Staggered stops |
| _____ 7. | The distribution of the weight of the vehicle on the chassis or the frame, wheels and body of the vehicle. | G. Stop line |
| _____ 8. | A movement either to the left or to the right, which involves steering actions and generally a change in speed. | H. Three-point turnabout |
| _____ 9. | A turnabout made by first backing into a driveway or alley. | I. Traction |
| _____ 10. | The tendency of an object in motion to resist any change in direction and of an object at rest to resist motion. | J. Two-point turnabout |

Basic Maneuvers in a Low-Risk Environment**Unit 6 Test**

Select the best answer and place the appropriate letter (A, B, C, or D) on the line provided.

- _____ 1. If you must turn your car around on a narrow street and most of the traffic is coming toward you, the best type of turnabout would be:
- A. 3-point or Y-turn
 - B. 2-point turnabout using a road on the right
 - C. Intersectional U-turn
 - D. 2-point turnabout using a road on the left
- _____ 2. When turning left from a two-way street, which lane should you be in?
- A. The right lane
 - B. The lane closest to the center line
 - C. The lane nearest to the curb
 - D. Any lane, if there is no other traffic present
- _____ 3. When parking on the right shoulder of a hill where there is no curb you should:
- A. Point the front wheels toward the center of the road
 - B. Have the rear wheels closer to the shoulder
 - C. Turn the front wheels so they point to the side of the road
 - D. Place the front wheels parallel to the edge of the pavement
- _____ 4. When two vehicles arrive at an uncontrolled intersection from different streets:
- A. Driver on the right shall yield to the vehicle on the left
 - B. Driver on the left shall yield to the vehicle on the right
 - C. Both vehicles must stop
 - D. Neither vehicle must stop
- _____ 5. Before changing lanes, the most important thing you should do is:
- A. Signal to communicate with others
 - B. Make sure the area and travel path are open
 - C. Change speed to slow vehicles behind
 - D. Look in the rearview mirror for vehicles close to you

Basic Maneuvers in a Low-Risk Environment

Unit 6 Test

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- _____ 6. What is the most important step in turning the car around?
- A. Careful check of traffic in all directions
 - B. Signal
 - C. Shift to the proper gear
 - D. Select the lane of traffic in which to turn
- _____ 7. When deciding whether to pass a vehicle ahead of you, the most important factor to consider is:
- A. The size of the vehicle ahead
 - B. The size of a vehicle behind
 - C. The space and time needed to pass
 - D. The speed of the vehicle ahead
- _____ 8. When preparing to make a lane change, what else should you do besides use lane change signal device?
- A. Make a mirror blind area check to the left or right rear
 - B. Slow down a little and check the rear
 - C. Show a hand signal and wave everyone back
 - D. Change your lane position
- _____ 9. You are able to check the mirror blind areas by:
- A. Glancing ahead left and right
 - B. Using the side-view mirror to check the rear
 - C. Using both the inside and the outside mirrors and a head check
 - D. Using the inside mirror to check behind
- _____ 10. When braking hard, the weight of the vehicle noticeably shifts:
- A. To the rear of the vehicle
 - B. To the front of the vehicle
 - C. To the left of the vehicle
 - D. To the right of the vehicle