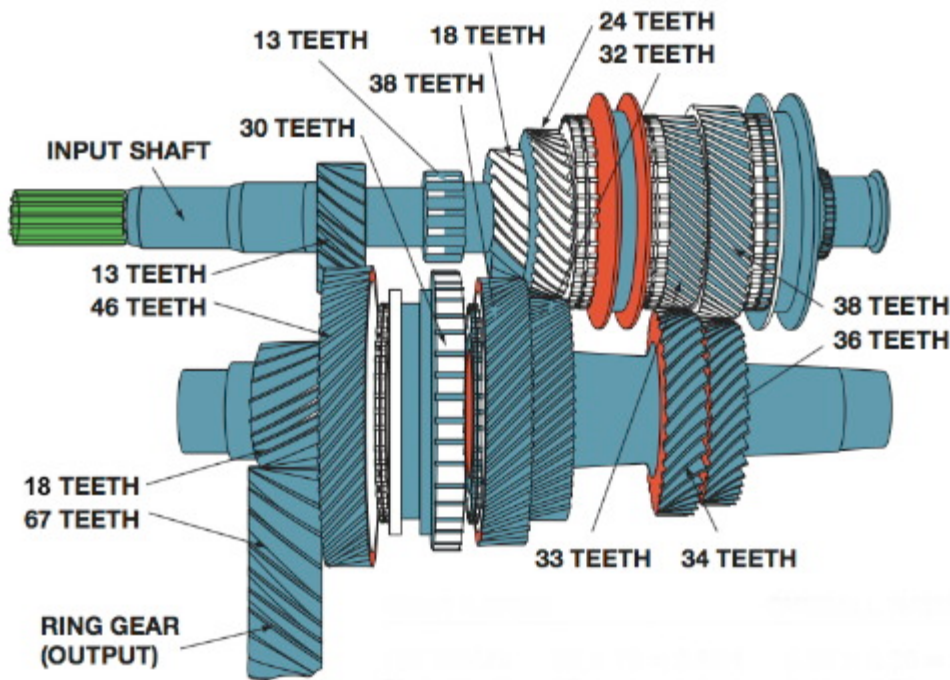


Name \_\_\_\_\_

**MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.**

- 1) Technician A says that first gear uses the smallest driving gear and the largest driven gear. Technician B says that fourth gear uses the smaller driving gear and the largest driven gear. Which technician is correct? 1) \_\_\_\_\_
- A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician

- 2) What is the final drive ratio of this gear set? 2) \_\_\_\_\_



- A) 3.72:1
  - B) 3.35:1
  - C) 4.10:1
  - D) 2.68:1
- 3) A typical transaxle has how many shafts? 3) \_\_\_\_\_
- A) Four
  - B) Three
  - C) Two
  - D) One

4) Two technicians are discussing a transaxle. Technician A says that the differential pinion gears are turning on the differential pinion shaft when the vehicle is going straight down the road. Technician B says that the axle gears are rotating at the same speed as the differential case. Which technician is correct?  
A) Technician A only  
B) Technician B only  
C) Both technicians  
D) Neither technician

4) \_\_\_\_\_

5) Which component of a transaxle is attached to the clutch disc?  
A) Differential  
B) Ring gear  
C) Intermediate shaft  
D) Input shaft

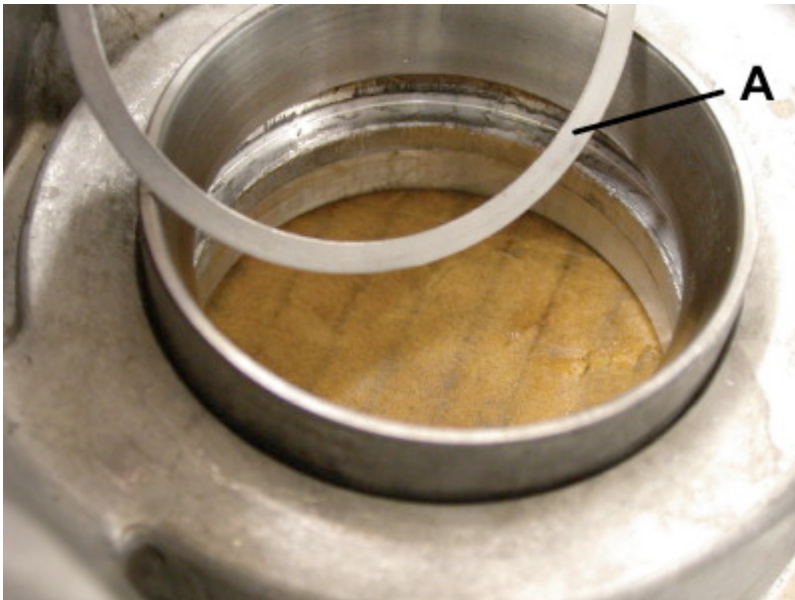
5) \_\_\_\_\_

6) Transaxle cases are made from \_\_\_\_\_.  
A) Cast aluminum  
B) Pressed steel  
C) Cast iron  
D) Either A or B

6) \_\_\_\_\_

7) What is the purpose of component "A"?

7) \_\_\_\_\_



- A) Seal oil leaks
- B) Adjust bearing pre-load
- C) Repair a cracked case
- D) Allow reuse of the old bearing

8) An early front wheel drive vehicle was a \_\_\_\_\_.  
A) Cord  
B) Ford Model T  
C) Cadillac  
D) Mercedes

8) \_\_\_\_\_

9) In a transaxle, what type of bearing is used?

9) \_\_\_\_\_

- A) Roller
- B) Tapered roller
- C) Ball
- D) All of the above

10) The ring gear on the differential is driven by the pinion gear on the \_\_\_\_\_.

10) \_\_\_\_\_

- A) Main shaft
- B) Input shaft
- C) Idler shaft
- D) None of these

## Answer Key

Testname: MDA8\_7A

1) A

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2) A

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3) A

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4) B

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5) D

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6) A

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7) B

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8) A

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9) D

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10) A

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