Name_____

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

1) Which is the largest?   1) _____
    A) 1/10
    B) 0.25
    C) 0.375
    D) 1/50

2) Ten of 30 vehicles checked during a safety inspection had at least one tire that was under   2) _____
    inflated. This represents what percentage of the vehicles?
    A) 25%
    B) 33%
    C) 43%
    D) 67%

3) Technician A says the vertical axis on a graph is called the x axis. Technician B says the   3) _____
    horizontal axis on a graph is called the y axis. Which technician is correct?
    A) Technician A only
    B) Technician B only
    C) Both technicians
    D) Neither technician

4) Technician A says to keep the decimals aligned when adding or subtracting decimal numbers.   4) _____
    Technician B says to keep the decimals aligned when multiplying or dividing decimal numbers.
    Which technician is correct?
    A) Technician A only
    B) Technician B only
    C) Both technicians
    D) Neither technician

5) What is 26 out of 87 in percentage?   5) _____
    A) 33.5%
    B) 11.3%
    C) 29.89%
    D) 61.0%

6) 23 out of 25 is what percentage?   6) _____
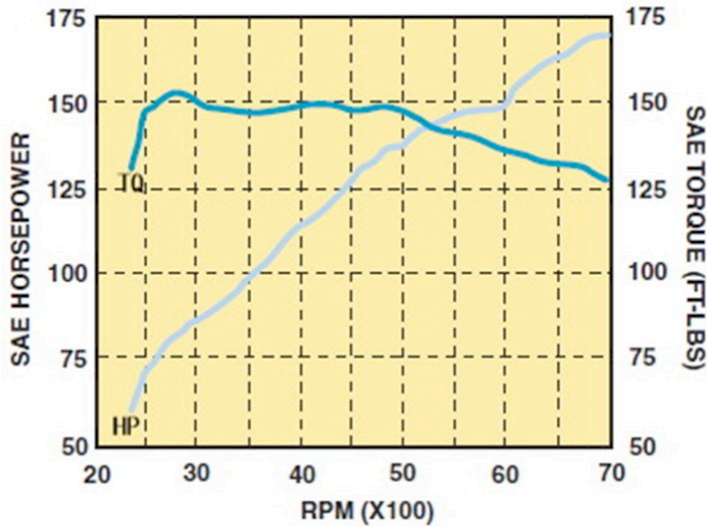   A) 92
    B) 1.08
    C) 0.92
    D) None of these

7) Add 0.102 inch and 0.080 inch. The answer is _____.

    A) 0.182 inch

    B) 0.1082 inch

    C) 0.0082 inch

    D) 0.8200 inch

7) _____

8) According to this chart, horsepower at 4400 RPM is _____.

8) _____

    A) 150

    B) 125

    C) 174

    D) 115

9) A vehicle traveled 280 miles and used 12.6 gallons of fuel. What is the calculated miles per gallon?

9) _____

    A) 18 MPG

    B) 22.2 MPG

    C) 28 MPG

    D) 42 MPG

10) To calculate fuel economy in MPG, what must be known?

10) _____

    A) How much fuel was used

    B) How far the vehicle travelled

    C) Both A and B are correct

    D) Neither A nor B is correct

1) C
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2) B
   Page Ref: 122
3) D
   Page Ref: 124
4) A
   Page Ref: 122
5) C
   Page Ref: 122
6) A
   Page Ref: 122
7) A
   Page Ref: 123
8) B
   Page Ref: 125
9) B
   Page Ref: 124
10) C
   Page Ref: 124