

**ATI TEAS 7 MATHS 2023 WITH
QUESTIONS AND ANSWERS**

**ATI TEAS 7 Math Questions with
Answers**

1. A patient drives 19 miles one way to medical facility for treatment. How far does the patient drive round trip in 22 days of treatment?
 - 836 miles
 - 1672 miles
 - 418 miles
 - 1254 miles

2. A family is planning a driving vacation and is estimating the cost of gasoline. While on vacation, the family plans to drive 3,000 miles. The car goes about 25 miles per gallon, and the cost of gasoline is \$1.66 per gallon. Which of the following is the estimate for the cost of the gasoline for the vacation?
 - \$120.00
 - \$41
 - \$199.20
 - \$72.29

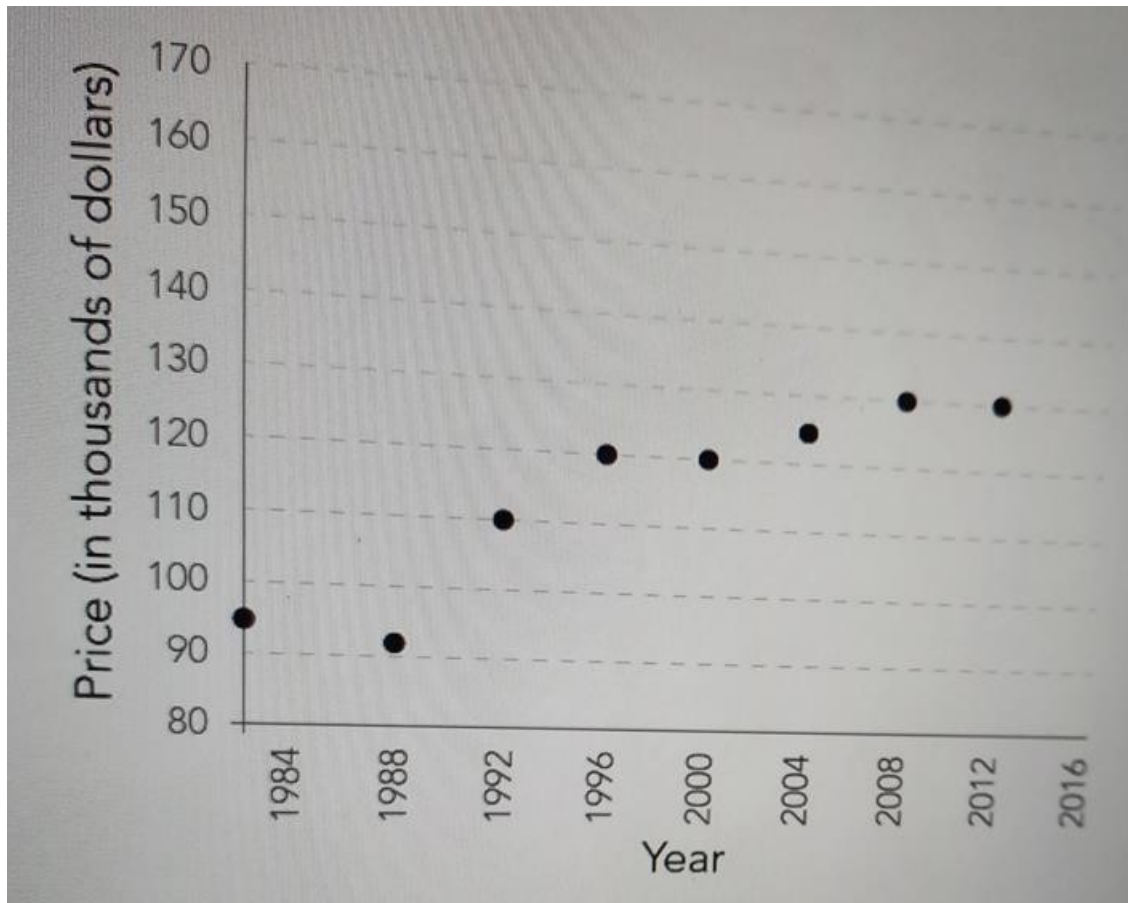
3. To determine the insurance premium of a car, an insurance company considers the following determinants the age of the car, the model of the car, and

mileage of the car. Which of the following is the dependent variable?

- Insurance premium
 - Age
 - Model
 - Mileage
4. Graph indicating price in thousands of dollars and years between 1984 and 2016.

Following the trend, the estimated average price of a home in 2016 would be

\$140,000.



5. Simplify the expression

below. $(18x^5yz) \div (6xyz^4)$

$(3x^4y) / z^3$

$3x^4yz^3$

$3x^4z^3$

$(3x^4) / z^3$

6. Which of the following is the correct order of the numbers below from the least to greatest?

235.971, 145.884, -271.906, -193.823

-193.823, -271.906, 145.884, 235.971

145.884, -193.823, 235.971, -271.906

-271.906, -193.823, 145.884, 235.971

-271.906, 235.971, -193.823, 145.884

7. To rent tablecloths from a party rental vendor, there is an initial charge of \$40. There is an additional charge of \$5 per circular tablecloth and \$3.50 per rectangular tablecloth (r). Which of the following equations represents the

total cost (T) to rent tablecloths?

$5C + 3.5r + 40 = T$

$5r + 3.5 + 40 = T$

$5C + 3.5r - 40 = T$

$5r + 3.5C - 40 = T$

8. Four friends are sharing a pizza. One friend eats half of the pizza. The other three friends equally divide the rest of the pizza, what did each of the other three friends receive?

$\frac{1}{4}$

$\frac{1}{6}$

$\frac{1}{5}$

$\frac{1}{3}$

9. An athlete can run 6 miles in 51 minutes. At this rate, how many miles could the athlete run in 1.5 hours?

15 miles

45 miles

11.5 miles

10.6 miles

10. A bakery sells three varieties of muffins. On a recent morning, the bakery