NOVA SCOTIA MATHEMATICS AT WORK 12 · UNIT E · 10 QUESTIONS

Owning and Operating a Vehicle — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **A vehicle uses 8 litres per 100 kilometres and fuel costs 140 cents per litre. Find the fuel cost, in dollars, for 500 kilometres.**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A vehicle uses 10 litres per 100 kilometres and fuel costs 150 cents per litre. Find the fuel cost, in dollars, for 220 kilometres.**

ANSWER _____

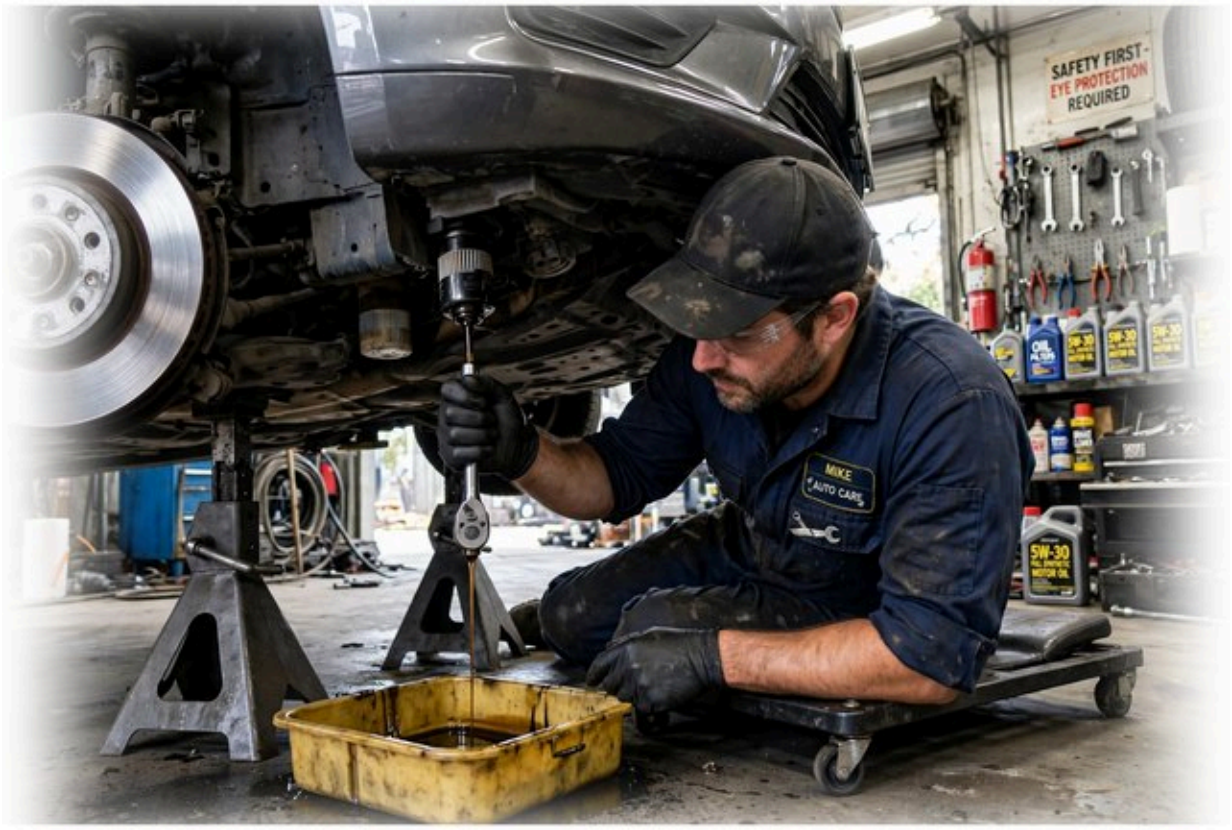
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3 **A vehicle uses 7 litres per 100 kilometres and fuel costs 160 cents per litre. Find the fuel cost, in dollars, for 320 kilometres.**

ANSWER _____

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4 **Maintenance costs, such as oil changes, help a vehicle**



A last longer and run safely

B use more fuel

C lose value faster

D need no insurance

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5 **When comparing two vehicles, a buyer should compare**



A colour only

B total owning and operating costs

C brand only

D top speed only

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6

A larger engine usually uses

A less fuel than a smaller engine

B no fuel

C more fuel than a smaller engine, all else equal

D the same fuel always

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7

Driving at a steady speed usually uses fuel

A less efficiently than speeding up and slowing down

B the same in all cases

C only on highways

D more efficiently than frequent speeding up and slowing down

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8 **A loan payment for a vehicle is usually a**

- A fixed monthly cost
- B fuel cost
- C variable cost per kilometre
- D tax refund

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9 **The total cost of owning a vehicle includes purchase price, fuel, insurance, maintenance, and**

- A colour and style
- B registration and repairs
- C radio and seats
- D advertising

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10 **If fuel costs 1.50 dollars per litre, 10 litres cost**

A 1.50 dollars

B 10 dollars

C 15 dollars

D 150 dollars

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 56
2. 33
3. 35.84
4. A
5. B
6. C
7. D
8. A
9. B
10. C

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