

SMART EXAM RESOURCES

TOPIC : NUMBERS

SUB-TOPIC: PERCENTAGE-BASIC WORD PROBLEM

SET-2-QP-MS

- 1** Maria pays \$84 rent.
The rent is increased by 5%.
Calculate Maria's new rent.

Answer \$ [2]

MARK SCHEME:

88.2(0)	2	M1 for 84×1.05 oe
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2 Calculate 17.5% of 44 kg.

Answer kg [2]

MARK SCHEME:

7.7	2	M1 for $44 \times \frac{17.5}{100}$ oe
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- 3 Robert buys a car for \$8000.
At the end of each year the value of the car has decreased by 10% of its value at the beginning of that year.
Calculate the value of the car at the end of 7 years.

Answer \$ [2]

MARK SCHEME:

3826 or 3826.38	2	M1 for $8000 \times \left(1 - \frac{10}{100}\right)^7$ oe
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- 4 Ahmed paid \$34 000 for a car.
 His car decreased in value by 40% at the end of the first year.
 The value at the end of the second year was 10% less than the value at the end of the first year.

Calculate the value of Ahmed's car after 2 years.

\$ [2]

MARK SCHEME:

18 360	2	M1 for $34\,000 \times \left(1 - \frac{40}{100}\right) \times \left(1 - \frac{10}{100}\right)$ oe
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