

SMART EXAM RESOURCES
TOPIC : NUMBERS
SUB-TOPIC:PERCENTAGE CHANGE
SET-2-QP-MS

- 1** Chai invests some money.
 By the end of the first year, the value of the investment has decreased by 35%.
 By the end of the second year, the value of the investment has increased by 40% of its value at the end of the first year.

Find the overall percentage change in the value of the investment.

..... % [3]

MARK SCHEME:

[-] 9	3	<p>M2 for $[k \times] \left(1 - \frac{35}{100}\right) \times \left(1 + \frac{40}{100}\right)$ oe or better</p> <p>or for $[k \times] \left(\frac{35}{100} - \left(1 - \frac{35}{100}\right) \times \frac{40}{100}\right)$</p> <p>or M1 for $[k \times] \left(1 - \frac{35}{100}\right)$ oe</p> <p>or $[k \times] \left(1 + \frac{40}{100}\right)$ or better</p>
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