

E.g. 6 A salesperson multiplied all the original prices by 0.85 to find the sale price.

- (a) What is the percentage discount on the sale items?
- (b) On the last day of the sale, she multiplied the sale prices by 0.75. What single number could she multiply the original prices by to get the last day sale price?
- (c) By what percentage have the original prices been reduced.

Video: [Increasing/decreasing by a percentage](#)

Video: [Percentages - multipliers](#)

[Solutions to Starter and E.g.s](#)

Exercise

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Summary

Increasing by a percentage — either add the percentage or add the amount.

Decreasing by a percentage — either subtract the percentage or subtract the amount.

N.B. It is usually easier to add/subtract the percentage.

[Textbook answers \(only available during a lockdown\)](#)