

EXAM QUESTION – TOTAL 4 MARKS

Benji sells items in a shop and online.

In a survey he asked 100 people if they

- prefer to buy items in a shop or online
- are aged under 25 years, 25 to 40 years or over 40 years.

56 of the 100 people prefer to buy online.

27 of the people aged under 25 years prefer to buy online.

12 of the 33 people aged 25 to 40 years prefer to buy in a shop.

Of the people aged over 40 years, 8 prefer to buy online and 17 prefer to buy in a shop.

One person who prefers to buy in a shop is chosen at random to win a prize.

What is the probability that this person is aged under 25 years?

You **must** show your working.

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..... (4)

Q8 Functional Skills PRACL2/CO3