

- 8 There is a 3-stage selection procedure for places on a university course. The table shows the percentage of candidates who pass each stage. Candidates who do not pass a stage do not go on to the next stage.

| Stage | Percentage of candidates who pass each stage |
|-------|--|
| 1 | 50 |
| 2 | 60 |
| 3 | x |

The percentage of candidates that pass all three stages is 25.5%

Find the value of x .