

Lewis has a grocery store. He usually uses £100, £50, and £20 bills, and keeps his money in a chest of four drawers shaped this way:

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Lewis is not in today, and tries to recall the content of his drawers. He remembers having a £100 bill in a top drawer. He also remembers having two adjacent drawers with a total of £150. He remembers having an empty bottom drawer, and a drawer with a 20£ bill inside. Lewis never puts more than one bill in each of his drawers. Which of the following must be true?

- ☐ A There is a total of £150 in the top drawers.
- ☐ B There is a total of £20 in the bottom drawers.
- ☐ C There are two adjacent drawers with a total of £70.
- ☐ D The bottom left drawer is empty
- ☐ E There is a total of more than £100 in the top drawers.