



Year 4 Chance Quiz

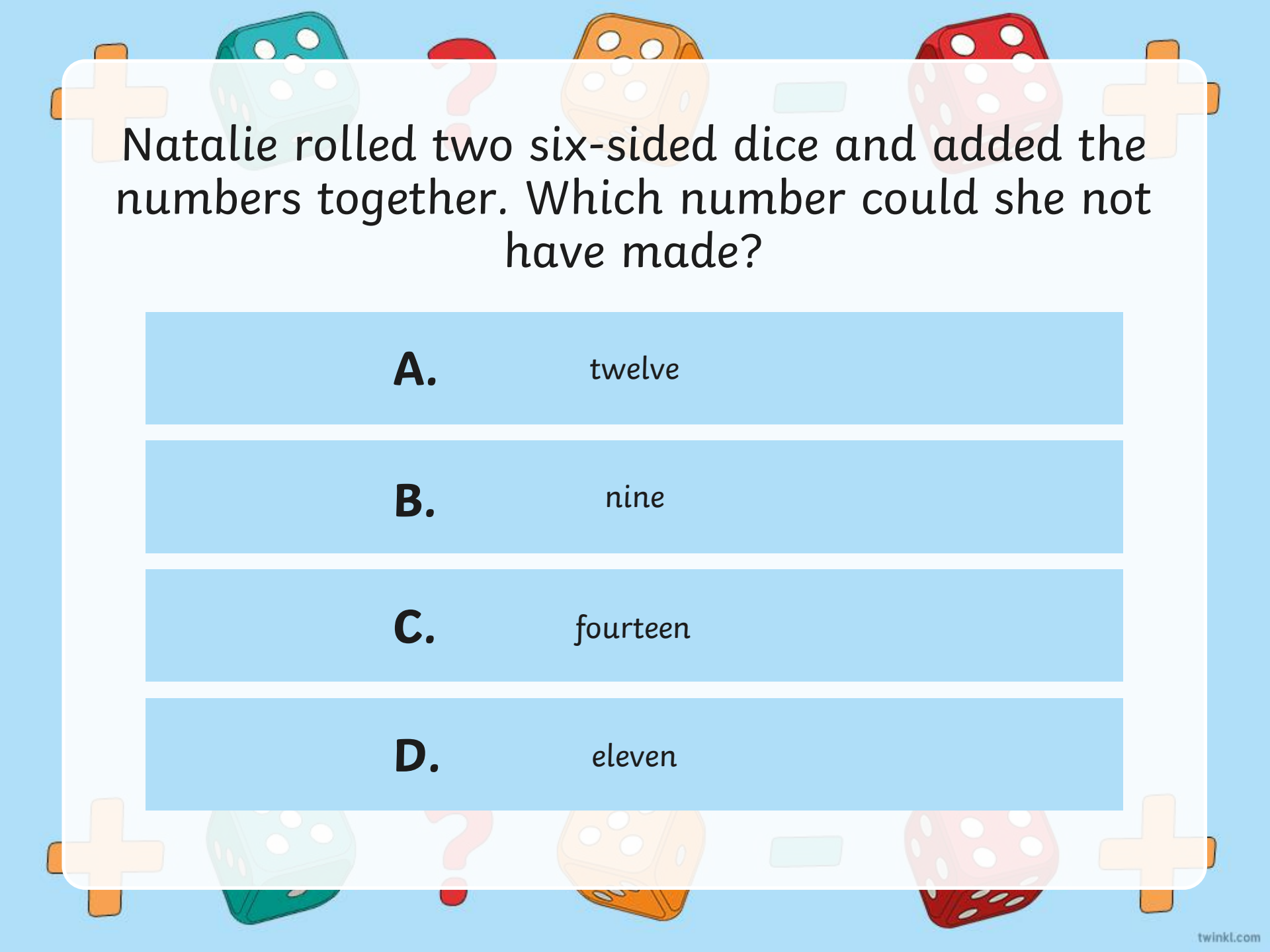


Aim

I can identify everyday events where one cannot happen if the other happens.

(ACMSP093)



A decorative border surrounds the central text area. It features four dice: a teal one with white pips, an orange one with white pips, a red one with white pips, and a pink one with white pips. There are also four plus signs, two orange and two light green, interspersed with the dice. A large, faint pink question mark is in the background.

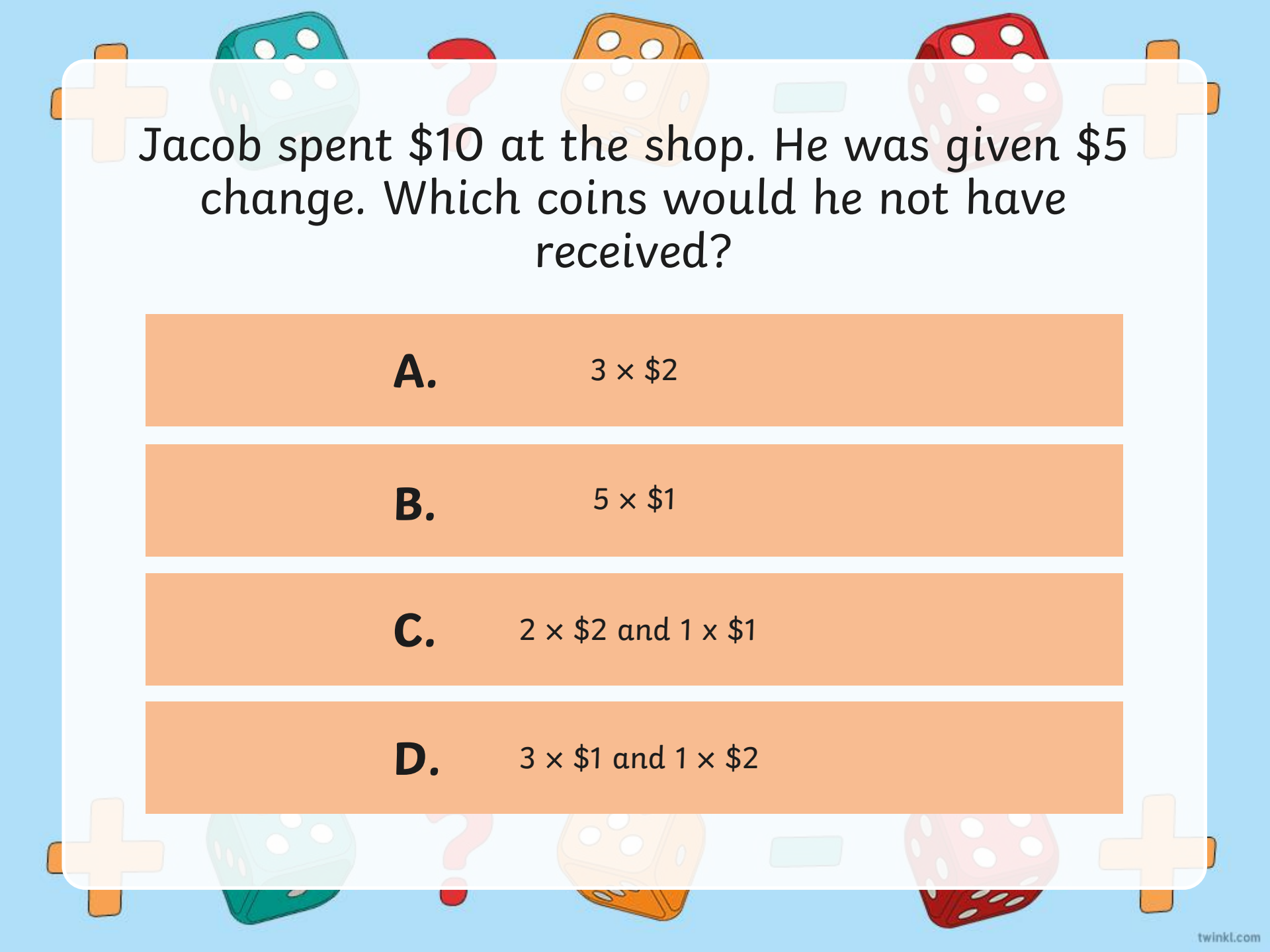
Natalie rolled two six-sided dice and added the numbers together. Which number could she not have made?

A. twelve

B. nine

C. fourteen

D. eleven

The background is light blue and decorated with various math-related icons: four dice (green, orange, red, and pink) and four plus signs (two orange, two light blue) are scattered around the edges. A large, faint question mark is also visible in the background.

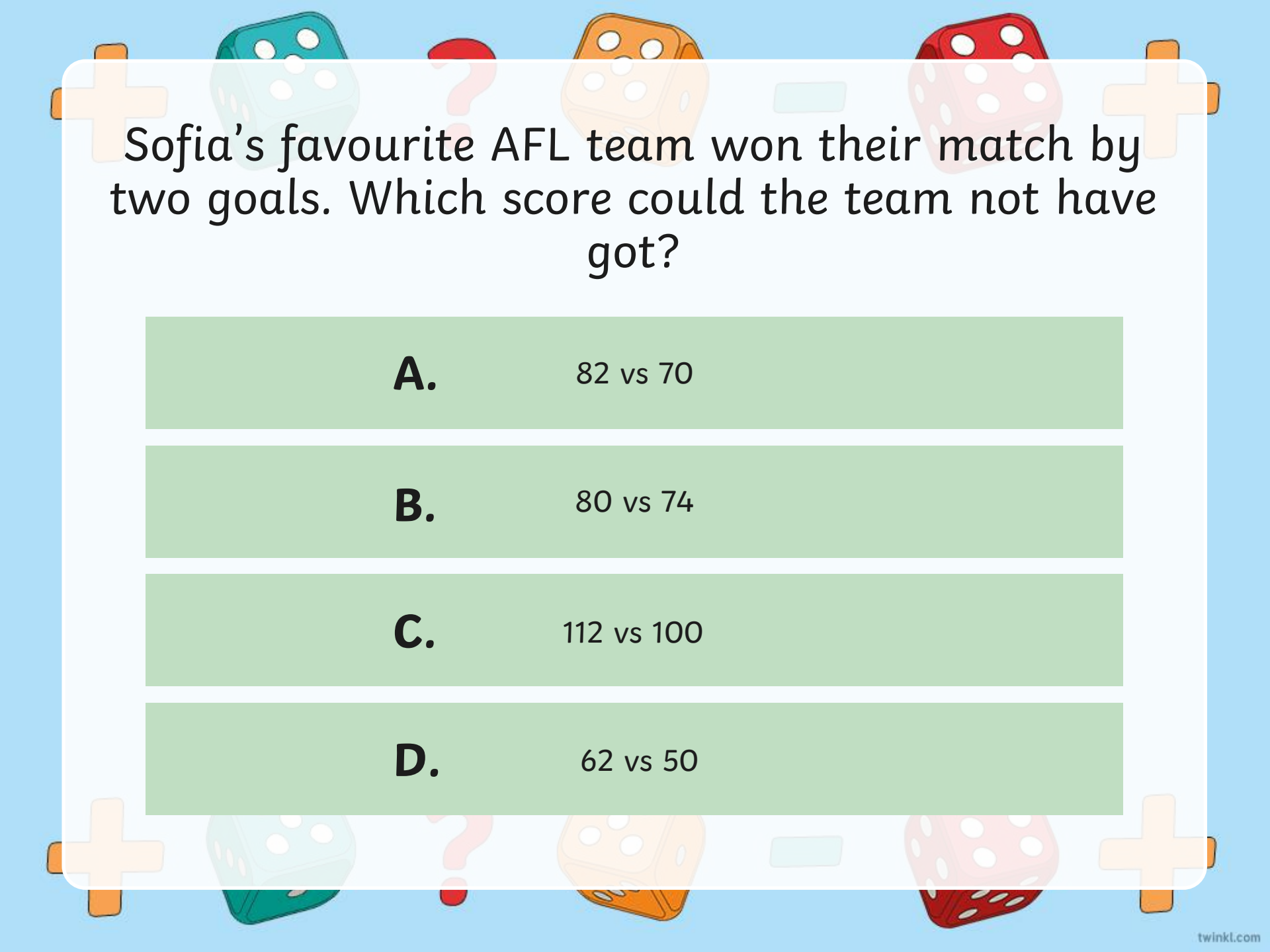
Jacob spent \$10 at the shop. He was given \$5 change. Which coins would he not have received?

A. $3 \times \$2$

B. $5 \times \$1$

C. $2 \times \$2$ and $1 \times \$1$

D. $3 \times \$1$ and $1 \times \$2$

The background is light blue and decorated with various math-related icons: four dice (green, orange, red, and pink) and four plus signs (orange) are positioned around the central white text box. A red question mark is also visible in the background.

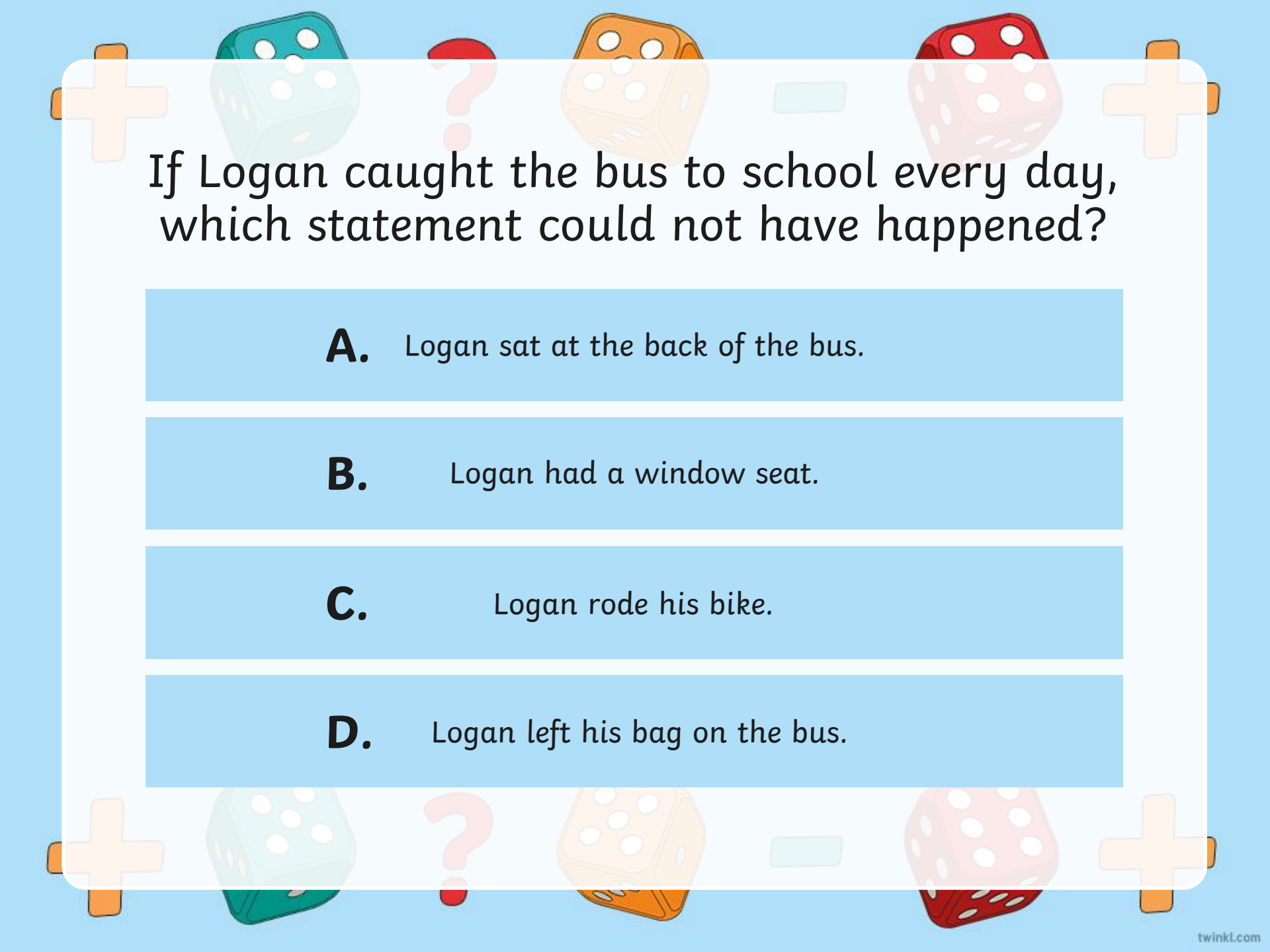
Sofia's favourite AFL team won their match by two goals. Which score could the team not have got?

A. 82 vs 70

B. 80 vs 74

C. 112 vs 100

D. 62 vs 50

The page has a light blue background with a decorative border. At the top and bottom, there are three dice: a teal one on the left, an orange one in the middle, and a red one on the right. Between the dice are a large pink question mark and a small light green minus sign. On the far left and far right of the top and bottom borders are large orange plus signs.

If Logan caught the bus to school every day, which statement could not have happened?

A. Logan sat at the back of the bus.

B. Logan had a window seat.

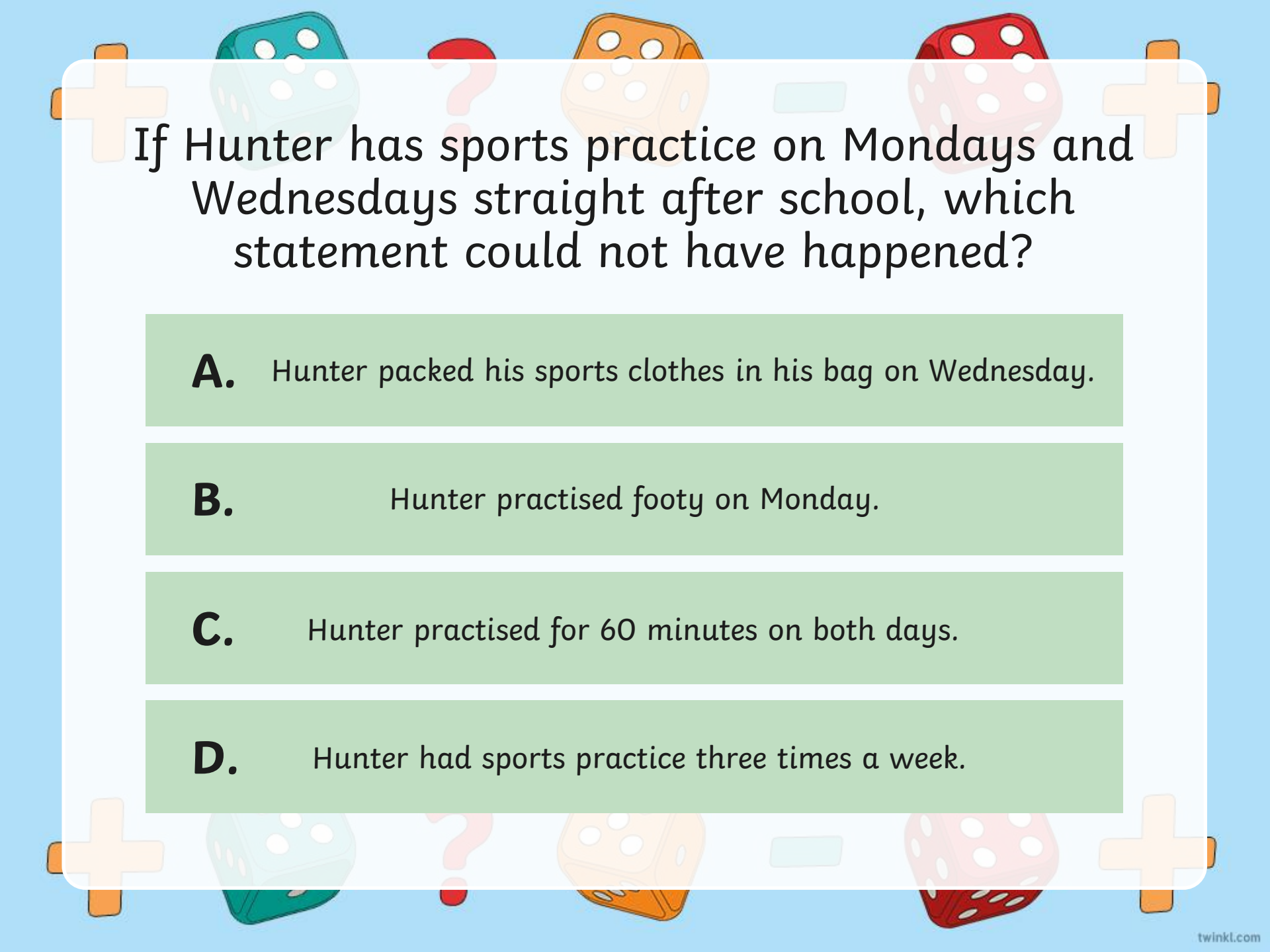
C. Logan rode his bike.

D. Logan left his bag on the bus.

The header features a light blue background with several dice and plus signs. From left to right, there is a light orange plus sign, a teal die with white pips, a pink question mark, an orange die with white pips, a light blue minus sign, a pink die with white pips, and another light orange plus sign.

At the school swimming carnival Ava swam in three races: freestyle, backstroke and breaststroke. Which statement could not have happened?

- A.** Ava came second in the butterfly.
 - B.** Ava came first in the freestyle and third in the backstroke.
 - C.** Ava came fifth in the breaststroke.
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- The footer is identical to the header, featuring a light blue background with a light orange plus sign, a teal die, a pink question mark, an orange die, a light blue minus sign, a pink die, and another light orange plus sign.

The background is light blue and decorated with several colorful dice (green, orange, red) and plus signs (+) in orange and light blue. A large, faint question mark (?) is also visible in the background.

If Hunter has sports practice on Mondays and Wednesdays straight after school, which statement could not have happened?

A. Hunter packed his sports clothes in his bag on Wednesday.

B. Hunter practised footy on Monday.

C. Hunter practised for 60 minutes on both days.

D. Hunter had sports practice three times a week.

