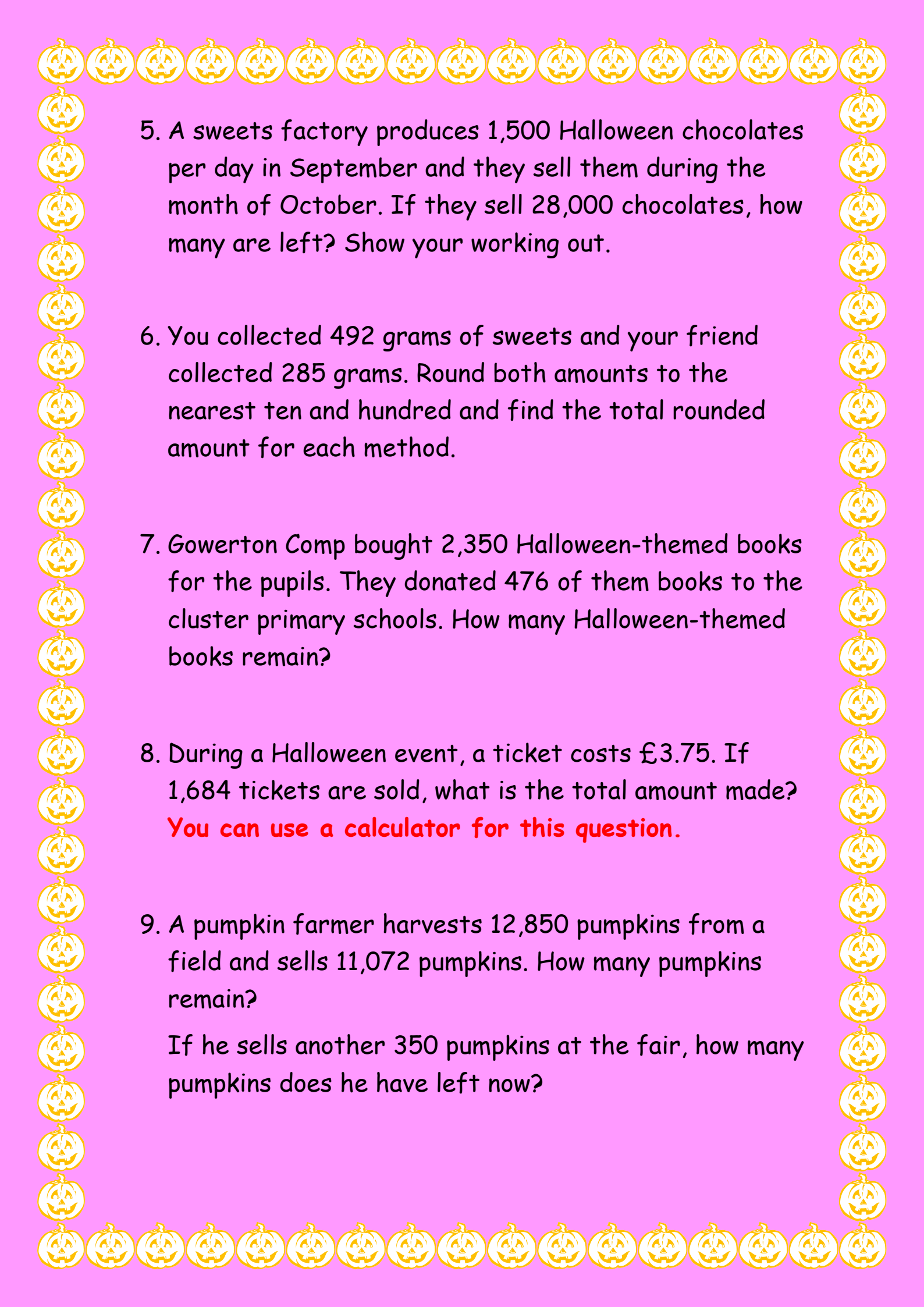


Halloween Reasoning – Purple Chilli



1. A creepy Halloween fair sells 3,572 tickets. What is the value of the digit in the thousands place? What is the value of the digit in the tens place?
2. A group of friends weigh the sweets they collected. They had 548 grams of sweets and 1,367 grams of chocolate. How many grams of treats do they have in total by the end of the night?
3. A haunted house attractions company received 12,473 visitors in total. They had 4,982 visit on Halloween night, how many visitors did they receive on other days of October? Show your working out.
4. A pumpkin weighs 4.68 kg. If you were to round the weight of two pumpkins, one weighing 4.68 kg and the other 5.25 kg, what would be the total rounded weight to the nearest whole number?

A decorative border of yellow pumpkins with black faces and stems surrounds the text. The pumpkins are arranged in a rectangular frame, with one row at the top, one at the bottom, and vertical columns on the left and right sides.

5. A sweets factory produces 1,500 Halloween chocolates per day in September and they sell them during the month of October. If they sell 28,000 chocolates, how many are left? Show your working out.

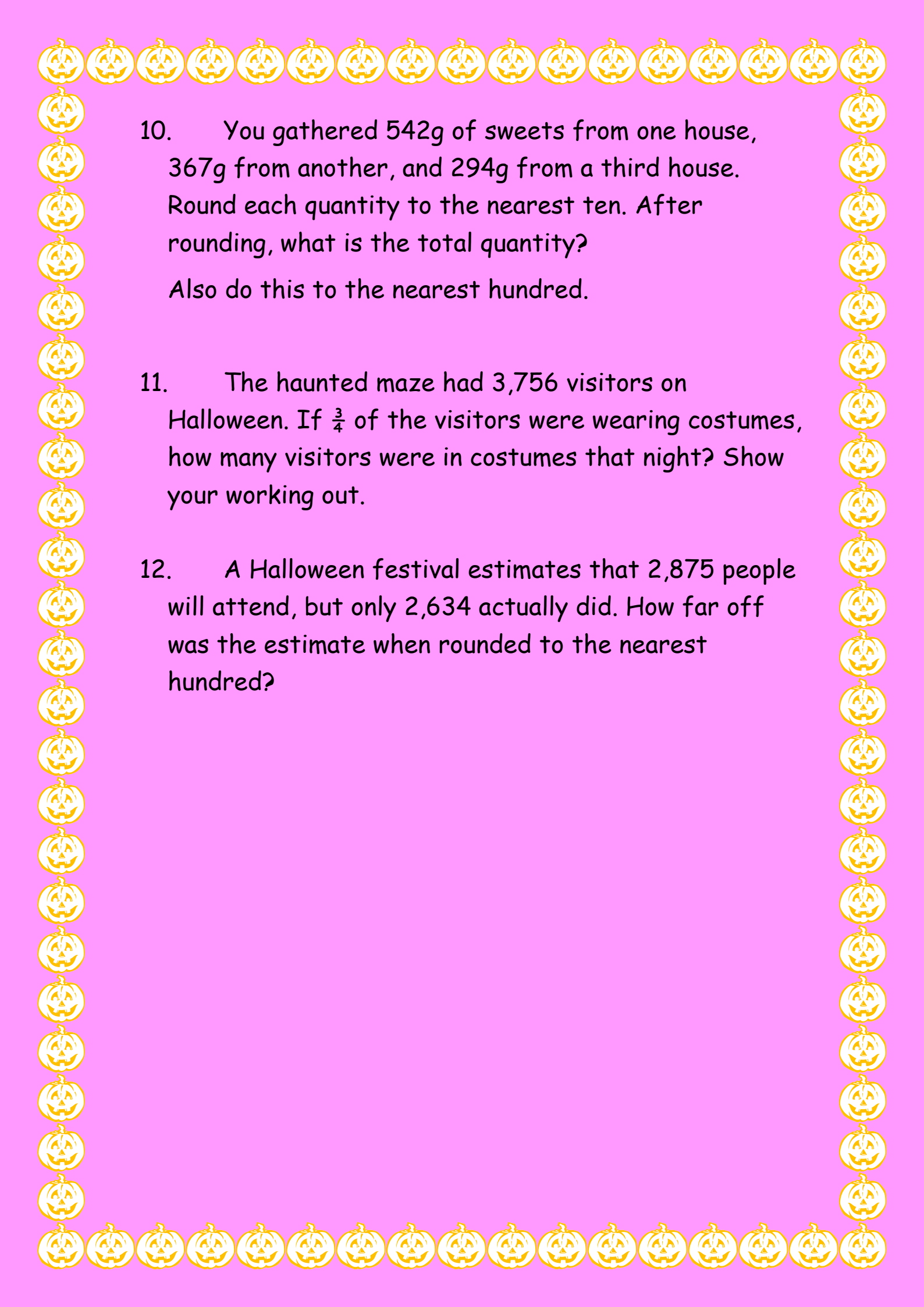
6. You collected 492 grams of sweets and your friend collected 285 grams. Round both amounts to the nearest ten and hundred and find the total rounded amount for each method.

7. Gowerton Comp bought 2,350 Halloween-themed books for the pupils. They donated 476 of them books to the cluster primary schools. How many Halloween-themed books remain?

8. During a Halloween event, a ticket costs £3.75. If 1,684 tickets are sold, what is the total amount made?
You can use a calculator for this question.

9. A pumpkin farmer harvests 12,850 pumpkins from a field and sells 11,072 pumpkins. How many pumpkins remain?

If he sells another 350 pumpkins at the fair, how many pumpkins does he have left now?

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10. You gathered 542g of sweets from one house, 367g from another, and 294g from a third house. Round each quantity to the nearest ten. After rounding, what is the total quantity?
Also do this to the nearest hundred.

11. The haunted maze had 3,756 visitors on Halloween. If $\frac{3}{4}$ of the visitors were wearing costumes, how many visitors were in costumes that night? Show your working out.

12. A Halloween festival estimates that 2,875 people will attend, but only 2,634 actually did. How far off was the estimate when rounded to the nearest hundred?