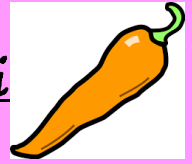
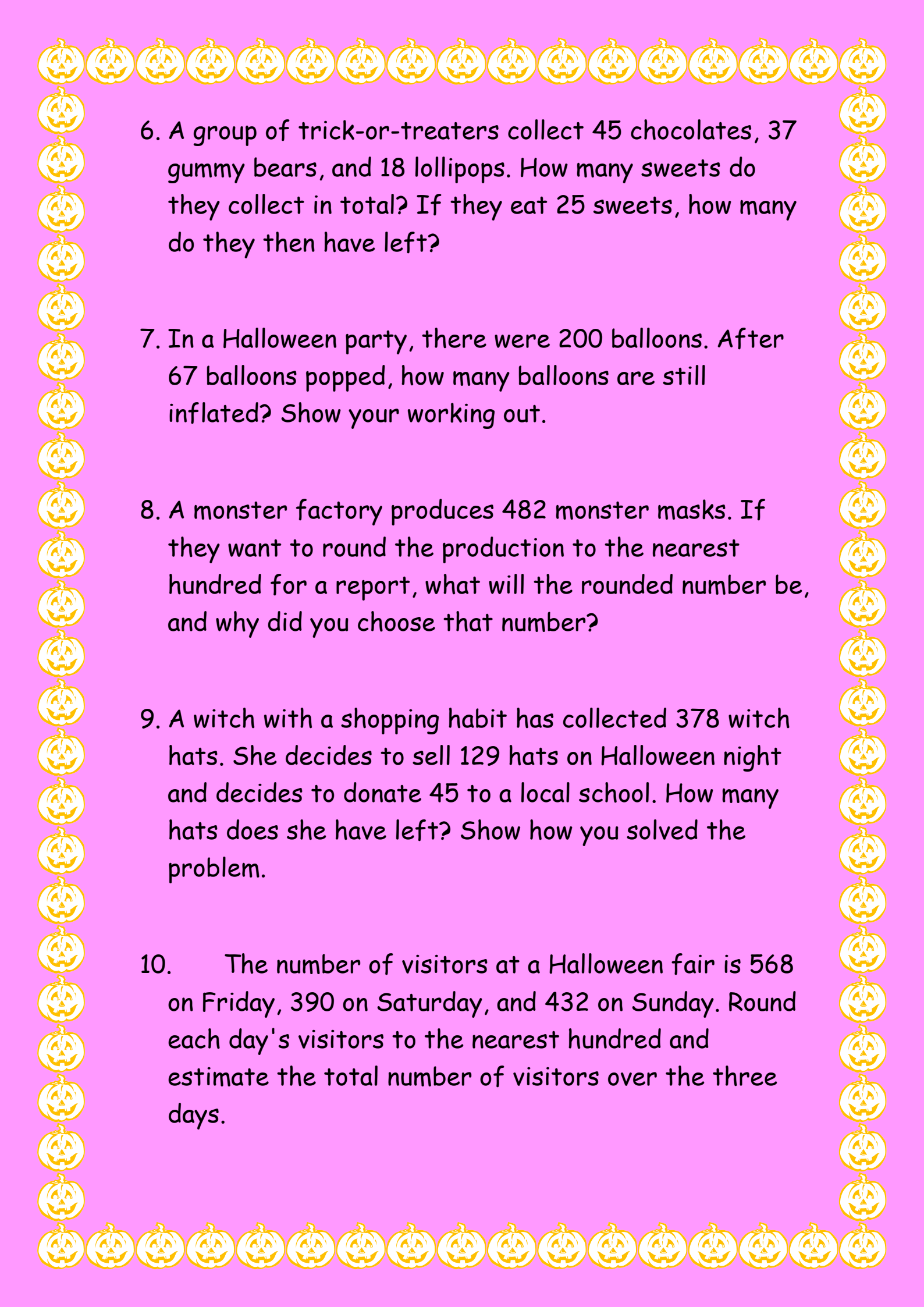
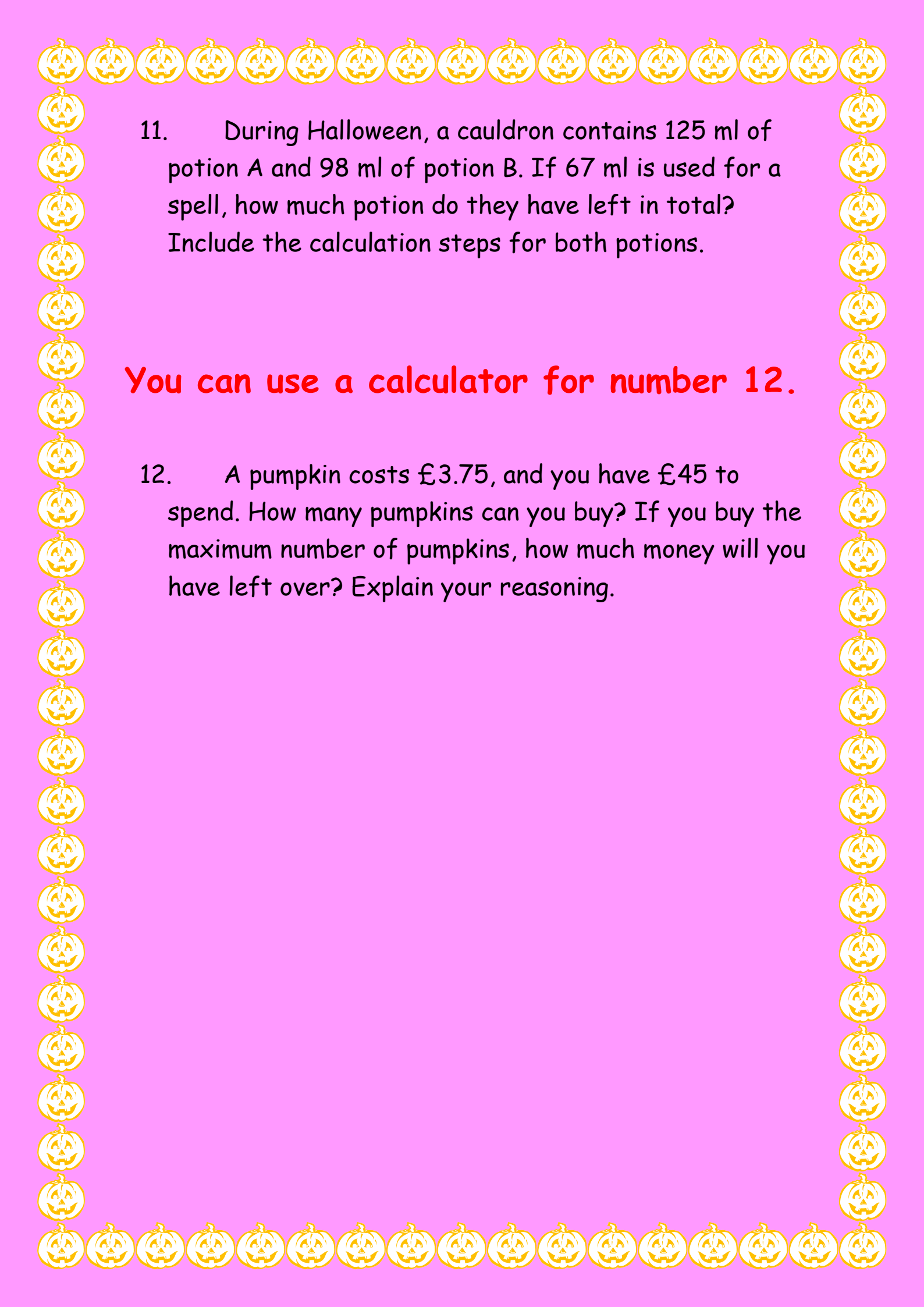


Halloween Reasoning – Orange Chilli



1. If you have 28 pumpkins and you want to share them equally between 4 friends for Halloween, how many pumpkins will each friend get? How many pumpkins will be left over?
2. There are 65 spooky skeletons decorating a haunted house and 43 creepy ghosts. How many decorations are there in total?
3. A witch made a potion with 50 ml of spooky liquid. After using 17 ml for a spell, how much spooky liquid is left?
4. A haunted house has 76 visitors on the first night and 34 visitors on the second night. Estimate how many visitors there were in total by rounding to the nearest ten.
5. You and your friends collected 245 chocolate bars trick-or-treating. If you give away 58 away to your family, what is the value of the hundreds, tens, and units that are remaining?

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6. A group of trick-or-treaters collect 45 chocolates, 37 gummy bears, and 18 lollipops. How many sweets do they collect in total? If they eat 25 sweets, how many do they then have left?
7. In a Halloween party, there were 200 balloons. After 67 balloons popped, how many balloons are still inflated? Show your working out.
8. A monster factory produces 482 monster masks. If they want to round the production to the nearest hundred for a report, what will the rounded number be, and why did you choose that number?
9. A witch with a shopping habit has collected 378 witch hats. She decides to sell 129 hats on Halloween night and decides to donate 45 to a local school. How many hats does she have left? Show how you solved the problem.
10. The number of visitors at a Halloween fair is 568 on Friday, 390 on Saturday, and 432 on Sunday. Round each day's visitors to the nearest hundred and estimate the total number of visitors over the three days.

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11. During Halloween, a cauldron contains 125 ml of potion A and 98 ml of potion B. If 67 ml is used for a spell, how much potion do they have left in total? Include the calculation steps for both potions.

You can use a calculator for number 12.

12. A pumpkin costs £3.75, and you have £45 to spend. How many pumpkins can you buy? If you buy the maximum number of pumpkins, how much money will you have left over? Explain your reasoning.