Name:

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Solving balanced equations

| | working out |
|---|---|
| Question 1<br>The sum of two consecutive numbers is 51. What are the numbers? _____ | |
| Question 2<br>What is the number if 6 times a number decreased by 5 equals 19?_____ | |
| Question 3<br>A baker made 120 cookies and packed them into boxes of equal size. How many cookies were in each box if the baker used eight boxes?_____ | |
| Question 4<br>A car travels 60 km in 2 hours. How far will it travel in 5 hours at the same speed?<br>_____ | |
| Question 5<br>Peter has three more than half the number of pencils that Anna has. If Anna has 20 pencils, how many pencils does Peter have?_____ | |
| Question 6<br>The perimeter of a square is 48 cm. What is the area of a square with half the perimeter?<br>_____ | |
| Question 7<br>Liam has 18 red marbles and 17 blue marbles. Emma has 12 red marbles and some blue marbles. How many blue marbles does Emma have if they have the same number of marbles?_____ | |
| Question 8<br>Four boxes each contain 9 books. Three boxes contain the same total number of books. How many books are in each of the three boxes? _____ | |
| Question 9<br>A factory produces 25 widgets every hour for 4 hours. After making the widgets, it ships some but keeps 20 in the factory. How many widgets were shipped? _____ | |
| Question 10<br>There are five boxes with 12 toys in each. If the toys are divided equally among some children and each receives 10 toys, how many children are there? _____ | |