Solving Two-Step Addition and Subtraction Word Problems

| No. | Question | Calculation required (Do brackets first!) | Method |  |  |  |  |  |  |  | Answer |
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| e.g. | The cinema has 700 seats - 113 adults and | 700-(113 + 276) |  |  |  |  |  |  |  |  | 311 empty seats |
|  | 276 children come to see the film. How many |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 1 | 1 | 3 |  | 又 ${ }^{1}$ | 2 | 0 |  |
|  |  |  | + | 2 | 7 | 6 | - | 3 | 8 | 9 |  |
|  |  |  |  | 3 | 8 | 9 |  | 3 | 1 | 1 |  |
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| 1. | Dorothy is saving her money for a new bike |  |  |  |  |  |  |  |  |  |  |
|  | costing $£ 286$. If she has already saved $£ 39$ |  |  |  |  |  |  |  |  |  |  |
|  | and is then given $£ 59$ for her birthday, how much more does she need to save? |  |  |  |  |  |  |  |  |  |  |
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| 2. | A study of 900 people found that 687 were |  |  |  |  |  |  |  |  |  |  |
|  | right handed, 174 were left handed and the |  |  |  |  |  |  |  |  |  |  |
|  | remainder were ambidextrous (could use |  |  |  |  |  |  |  |  |  |  |
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3. The crisp factory needs to make 875 bags an hour. If a machine breaks down and the factory only makes 323 bags in one hour, how many does it need to make in the next hour to catch up?
4. Dave earns $£ 1485$ a month as a bus driver and his wife earns $£ 1760$ as a teacher. If Dave gets a pay rise of $£ 217$ a month how much less than his wife does he earn?
5. If William Shakespeare was born in 1564 and lived to be 52 years old, how many years ago did he die?

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## Solving Two-Step Addition and Subtraction Word Problems Answers

| question |  |  |
| :--- | :--- | :--- |
| answer |  |  |
| 1 | $£ 286-(39+£ 59)$ | 188 more to save |
| 2 | $900-(687+174)$ | 39 people |
| 3 | $(875-323)+875$ | 1427 packets of crisps |
| 4 | $£ 1760-(1485+£ 217)$ | 58 less |
| 5 | current year $-(1564+52)$ | answer will change each year |

