# Addition and Subtraction Two-Step Word Problems 

Learning Intention:
I can solve two-step problems involving addition and subtraction.

1. John buys 12 pencils one week and 7 the following week. He gives 3 pencils to his friend.


How many pencils does he have left?

2. Lydia has 15 marbles. She takes them to her friend's house. She loses 3 on the way and 4 in the house.

3. Asif has a packet of biscuits. There are 12 in the packet. He gives 6 of the biscuits to some friends. He buys another packet of 12 biscuits.


How many biscuits does he have now?

4. Amina collects 23 leaves. She gives 6 of the leaves to her brother and 8 to her sister.

How many leaves does she have left?


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5. James and Zain bring their football cards to share with their friend Thomas.
James brings 14 and Zain brings 11.
They give Thomas 8 cards between them.


How many do James and Zain have left altogether?

6. A greengrocer has a box of apples.

In the morning he sells 17 apples.
In the afternoon he sells 6 apples.
At the end of the day there are 11 apples left in the box.


How many apples were there at the start of the day?

7. In a school kitchen, the cook has 20 pie trays. She makes meat pies and vegetarian pies. The cook uses 8 trays for the meat pies and 7 for the vegetarian pies.

How many trays are not used?

8. A teacher collects a bag of 28 balls for a PE lesson. There are 3 colours of ball. There are 13 blue balls and 8 green balls.


How many red balls are there?

9. A farmer has 26 cows, which he keeps in 3 paddocks.

After counting 12 in the first paddock and 5 in the second, how many cows would he expect to find in the third?
10. A photographer takes 34 photographs in a day. She takes 13 in the morning and 12 in the afternoon. She takes the rest of the photographs in the evening.

How many photographs does she take in
 the evening?


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## Answers

| 1. | How many pencils does he have left? | 16 |
| :---: | :--- | :---: |
| 2. | How many does she have left? | $\mathbf{8}$ |
| 3. | How many biscuits does he have now? | 18 |
| 4. | How many leaves does she have left? | $\mathbf{9}$ |
| 5. | How many do James and Zain have left altogether? | 17 |
| $\mathbf{6 .}$ | How many apples were there at the start of the day? | 34 |
| 7. | How many trays are not used? | $\mathbf{3}$ |
| $\mathbf{8 .}$ | How many red balls are there? | $\mathbf{7}$ |
| $\mathbf{9 .}$ | How many cows would he expect to find in the third? | $\mathbf{9}$ |
| $\mathbf{1 0 .}$ | How many photographs does she take in the evening? | $\mathbf{9}$ |
| $\mathbf{y}$ |  |  |

