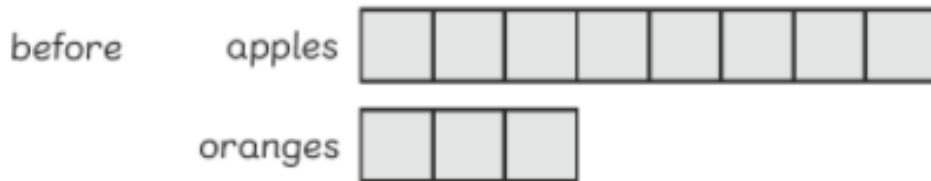


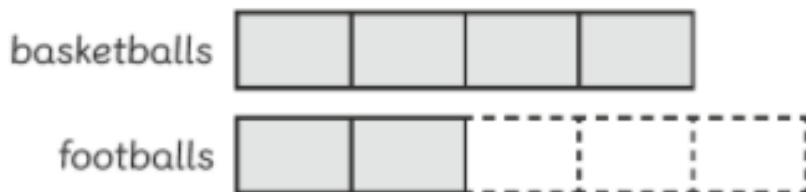
Worksheet 9

Solving Word Problems

- 1 The ratio of the number of apples to the number of oranges at a fruit stall is 8 : 3. After 28 oranges and 98 apples are sold, there are equal numbers of apples and oranges. How many apples and oranges were there to begin with?



- 2 In an equipment room, the ratio of the number of basketballs to the number of footballs is 4 : 5. When 72 footballs are taken out of the room, twice as many basketballs as footballs are left. Find the number of basketballs.



3 The ratio of the volume of water in Container A to that in Container B is 2 : 1. When 482 ml of water is poured from Container A into Container B, the ratio becomes 3 : 2. How much water is there in both the containers in total?

4 When Charles was born, his father was 25 years old. Five years ago, the ratio of Charles' age to that of his father was 3 : 8. How old is Charles' father now?