

### Write equations with variables

1. The train was scheduled to leave at 50 minutes after noon but due to maintenance, the train left  $a$  minutes later than the scheduled time. At the end, the train left 85 minutes after noon. Find  $a$ .
2. A flight has 194 seats. After  $n$  tickets are sold for this flight, 38 seats are available. Find  $n$ .
3. Each passenger can bring 2 pieces of luggage with a weight of up to  $d$  kilograms. The maximum weight each passenger can carry is 70 kilograms. Find  $d$ .

