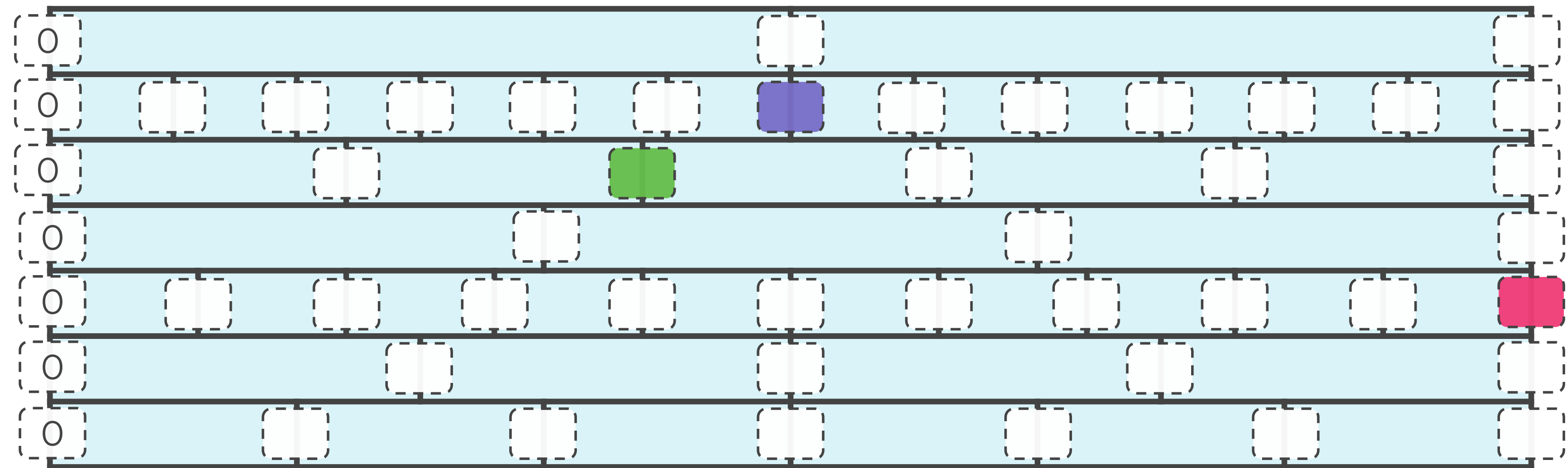# Growth and Decay.
Downloadable Resource - Finding 100%

Try this

The number 60 is at either the green, purple, or pink box. Find the possible values of the other empty boxes.

Connect

If I buy a car in a 25% off sale and it costs £10,000, how much did the car originally cost?

If I produce cereal, and the cost of my packaging increases by 54.3% to £1.50 per box, how much did the cereal cost me to produce originally?

Independent Task

1) If I buy a car in a 20% off sale and it costs £20,000, how much did the car originally cost?

2) If I buy a house and it increased over the course of a year by 6.5% to £350,000, how much was it originally worth?

3) If I decreased the amount I paid for my car insurance by 20% to £250 per year, how much did I pay previously for my car insurance?

4) If the amount of patients infected with a virus decreased by 5% to 990, how many people were infected previously?

Explore

After a [ ] ( ) the cost of a sofa is [ ]

The original price of the sofa was _____

30%   15%

50%   25%

decrease

increase

£120   £180

£96   £60

33.3%   20%

How many different ways can you fill these boxes so that the sofa has the same original price?