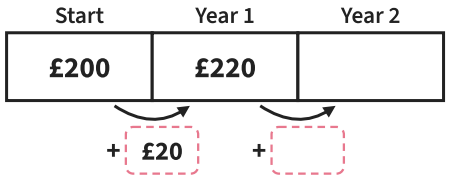
Compound Interest

1

£200 is saved at 10% compound interest a year. How much is there after 2 years?

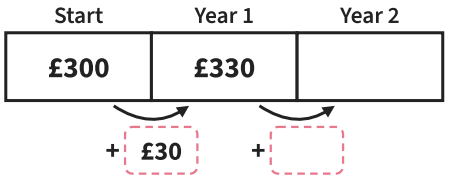


Year 1 **10% of** **£200** = **£20**

Year 2 **10% of** **£220** =

2

£300 is saved at 10% compound interest a year. How much is there after 2 years?

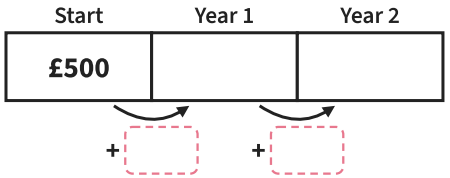


Year 1 **10% of** **£300** = **£30**

Year 2 **10% of** **£330** =

3

£500 is saved at 10% compound interest a year. How much is there after 2 years?

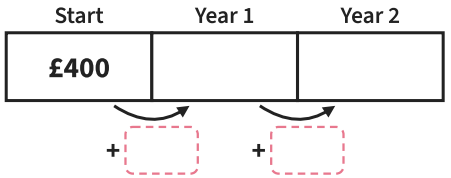


Year 1 **10% of** **£500** = **£50**

Year 2 **10% of** =

4

£400 is saved at 10% compound interest a year. How much is there after 2 years?

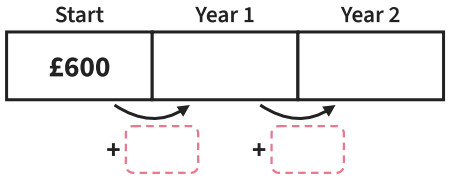


Year 1 **10% of** **£400** = **£40**

Year 2 **10% of** =

5

£600 is saved at 10% compound interest a year. How much is there after 2 years?

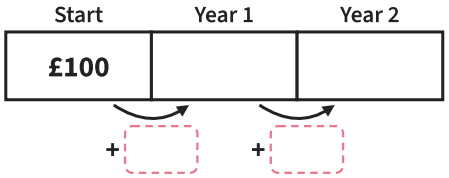


Year 1 **10% of** =

Year 2 **10% of** =

6

£100 is saved at 10% compound interest a year. How much is there after 2 years?

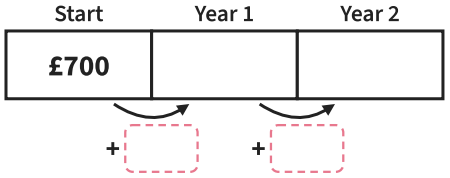


Year 1 **10% of** =

Year 2 **10% of** =

7

Mia saves £700 in a bank. It pays 10% compound interest a year.
How much does she have after 2 years?

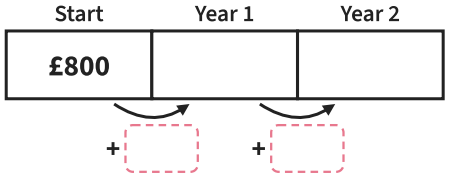


Year 1 **10% of** =

Year 2 **10% of** =

8

Sam borrows £800.
10% compound interest is added each year. How much does he owe after 2 years?



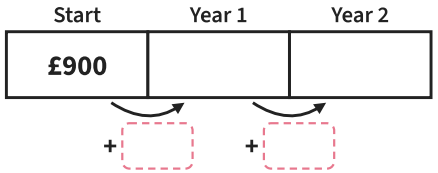
Year 1 **10% of** =

Year 2 **10% of** =

Compound Interest *further practice*

9

£900 is saved at 10% compound interest a year. How much is there after 2 years?

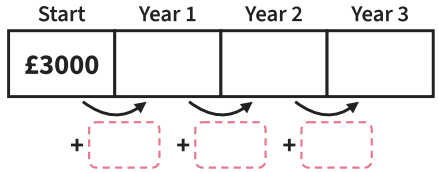


Year 1 **10% of** ☐ = ☐

Year 2 **10% of** ☐ = ☐

10

£3000 is saved at 10% compound interest a year. How much is there after 3 years?



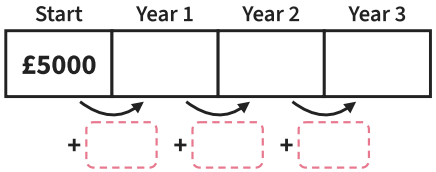
Year 1 **10% of** ☐ = ☐

Year 2 **10% of** ☐ = ☐

Year 3 **10% of** ☐ = ☐

11

£5000 is saved at 10% compound interest a year. How much is there after 3 years?



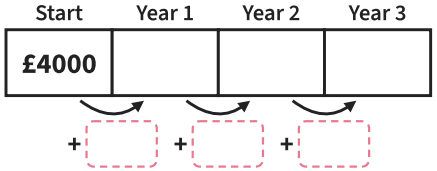
Year 1 **10% of** ☐ = ☐

Year 2 **10% of** ☐ = ☐

Year 3 **10% of** ☐ = ☐

12

Leo saves £4000 in a bank.
It pays 10% compound interest a year. How much does he have after 3 years?



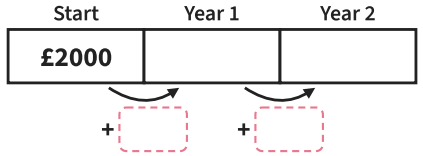
Year 1 **10% of** ☐ = ☐

Year 2 **10% of** ☐ = ☐

Year 3 **10% of** ☐ = ☐

13

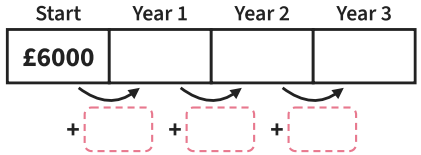
£2000 is saved at 10% compound interest a year for 2 years.
How much interest is that in total?



Answer _____

14

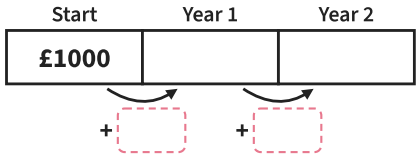
Tom saves £6000 at 10% compound interest a year. After how many years does he have more than £7000?



Answer _____

15

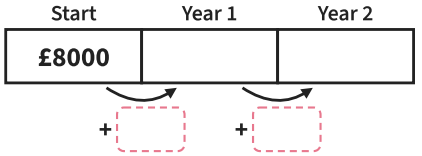
£1000 is saved for 2 years at 10% a year. Bank A pays simple interest. Bank B pays compound interest. Which bank pays more?



Answer _____

16

Ali saves £8000 at 10% compound interest a year for 2 years.
He says he has £9600. What has he done wrong?



Ali should _____

Right answer _____