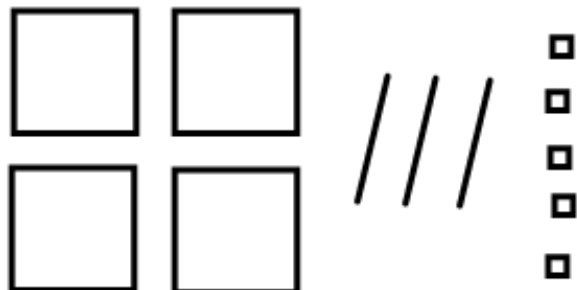**Answers Y3 place value – further practice: partitioning**

1. Use your knowledge of exchanges to write these equivalent calculations in different ways.
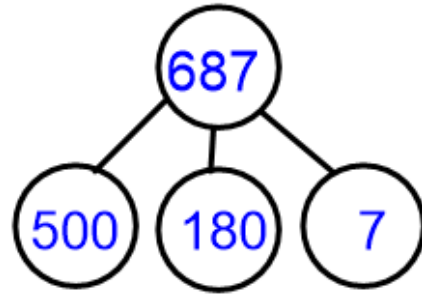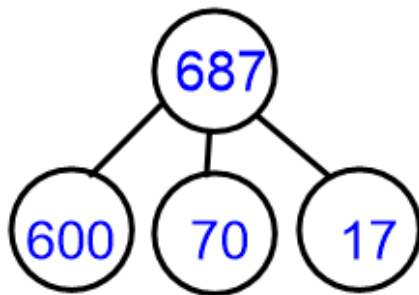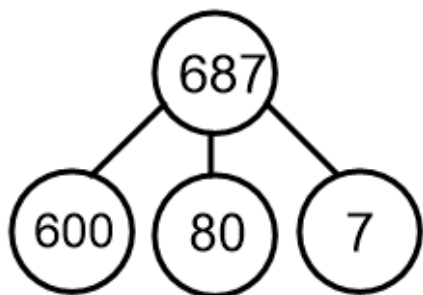
$400 + \underline{30} + 5$

$\underline{300} + 130 + 5$

$400 + 20 + \underline{15}$

2. Using exchanges, show this part-whole model in two other ways.

687
600 80 7

687
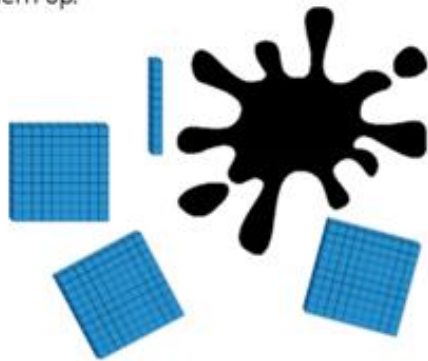600 70 17

687
500 180 7

3. Joanne describes a number.

"It has 6 hundreds and 27 ones."

What is Joanne's number?

627

Challenge 1:

Teddy has used Base 10 to represent the number 420. He has covered some of them up.

Work out the amount he has covered up.

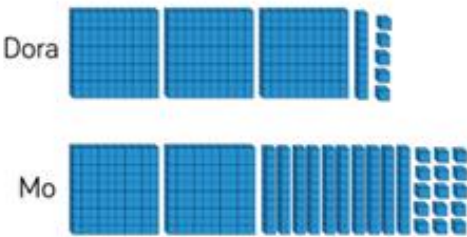How many different ways can you make the missing amount using Base 10?

Challenge 2:

Which child has made the number 315?

Dora

Mo

Explain how you know.