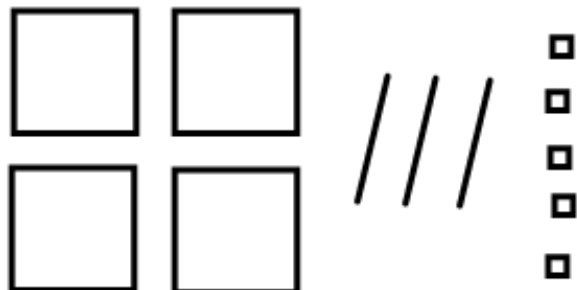


Answers Y3 place value – further practice: partitioning

1. Use your knowledge of exchanges to write these equivalent calculations in different ways.



Top Tips:

1 hundred = 10 tens

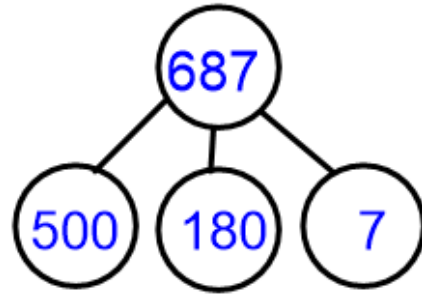
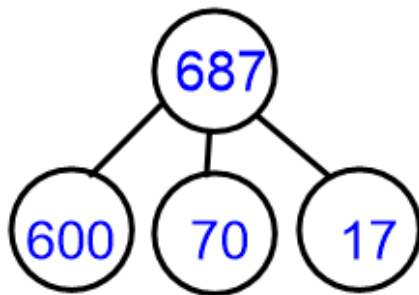
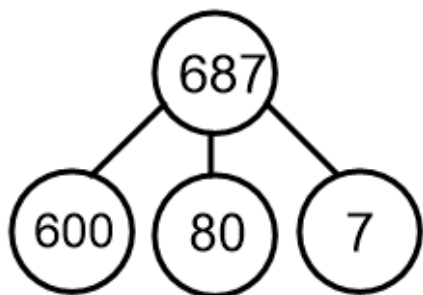
1 ten = 10 ones

$$400 + \underline{30} + 5$$

$$\underline{300} + 130 + 5$$

$$400 + 20 + \underline{15}$$

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

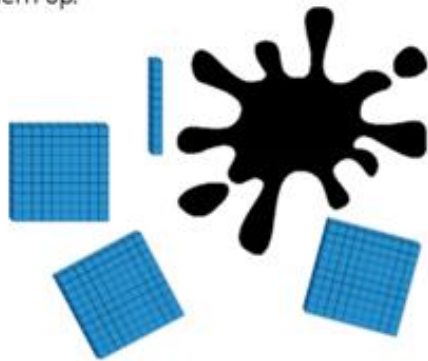


3. Joanne describes a number.
"It has 6 hundreds and 27 ones."
What is Joanne's number?

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?

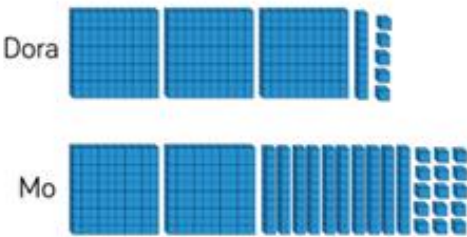
110 is the missing amount.

Possible ways:

- 1 hundred and 1 ten
- 11 tens
- 110 ones
- 10 tens and 10 ones
- 50 ones and 6 tens etc.

Challenge 2:

Which child has made the number 315?



Explain how you know.

Dora and Mo have both made the number 315, but represented it differently.

3 hundreds, 1 ten and 5 ones is the same as 2 hundreds, 10 tens and 15 ones.