

PARTITIONING NUMBERS – Session 2

Remember, it's important to try your best and it isn't a requirement to complete every part of the sheet.

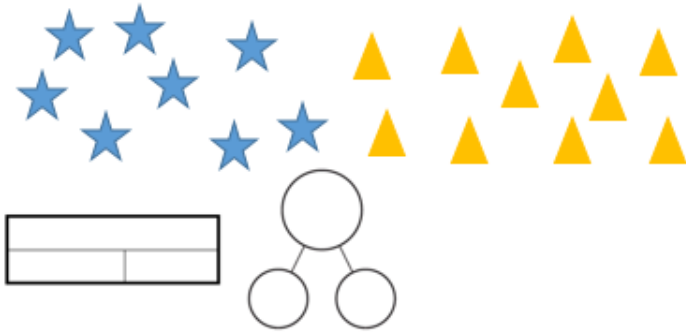
If you can do the challenge, that's brilliant but don't worry if you can't.

Learning objective: To use partitioning to create addition and subtraction number sentences.

Can you do it?

Complete the bar model and part-whole model to match this shape picture.

Think about how many shapes there are overall and how many shapes there are of each shape.



Can you write the 4 different calculations about the shapes?

Can you explain it?

Tom looked at this bar model.



He wrote these calculations:

$5 + 15 = 20$	$20 = 15 + 5$
$5 + 15 = 20$	$20 = 5 + 15$
$20 - 5 = 15$	$20 = 15 - 5$
$20 - 15 = 5$	$20 = 5 - 15$

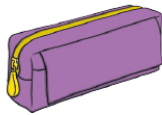
Has he written the calculations correctly?

Why do you think that?

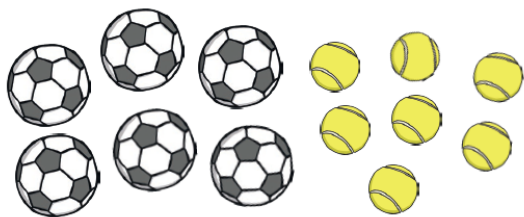
Correct any mistakes Tom has made.

Can you apply it?

Ravi has 17 felt tips. Some are in his spotty pencil case and some are in his purple pencil case.



Think of one way that the felt tips could be split between the pencil cases. Write 8 different calculations and draw a part-whole model to show this.



Now, write 8 different calculations and draw a part-whole model about this picture. Make a mistake on purpose! Can your partner spot and correct the mistake you have made?