

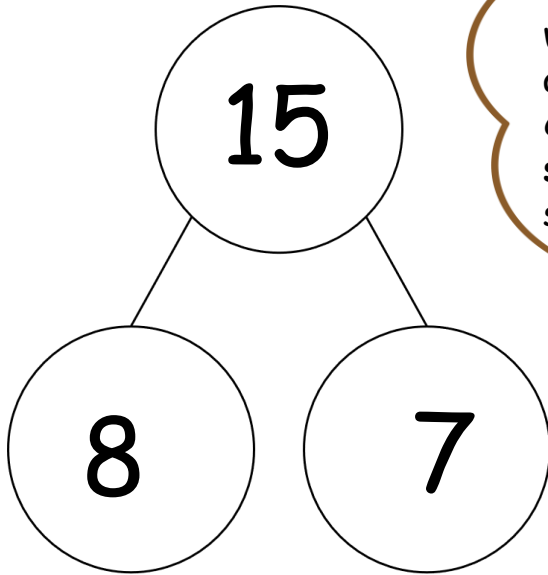


Fireflies Maths Home Learning

Friday 16th October 2026

This week, we have begun our new Power Maths unit- addition and subtraction (part 1). We have been exploring fact families, number bonds, adding and subtracting multiples of 10 and identifying complements of 100. Try out these activities to reinforce the learning taking place in class.

Activity 1:



We can see how the numbers within a part whole model are connected. We can create **addition** and **subtraction** sentences to show this.



$$8 + 7 = 15$$

$$7 + 8 = 15$$

$$15 - 8 = 7$$

$$15 - 7 = 8$$

$$15 = 8 + 7$$

$$15 = 7 + 8$$

$$7 = 15 - 8$$

$$8 = 15 - 7$$

We know...

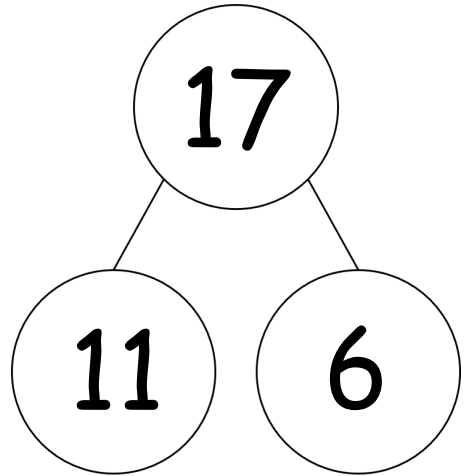
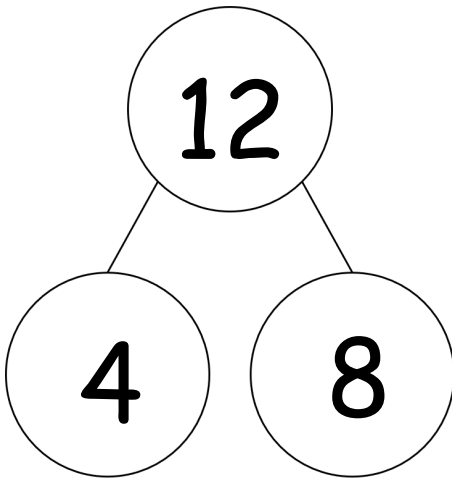
part + part = whole

whole - part = part



Activity 1:

Find all 8 number sentences for the part-whole models shown.



$$\square + \square = \square$$

$$\square + \square = \square$$

$$\square - \square = \square$$

$$\square - \square = \square$$

$$\square = \square + \square$$

$$\square = \square + \square$$

$$\square = \square - \square$$

$$\square = \square - \square$$

$$\square + \square = \square$$

$$\square + \square = \square$$

$$\square - \square = \square$$

$$\square - \square = \square$$

$$\square = \square + \square$$

$$\square = \square + \square$$

$$\square = \square - \square$$

$$\square = \square - \square$$

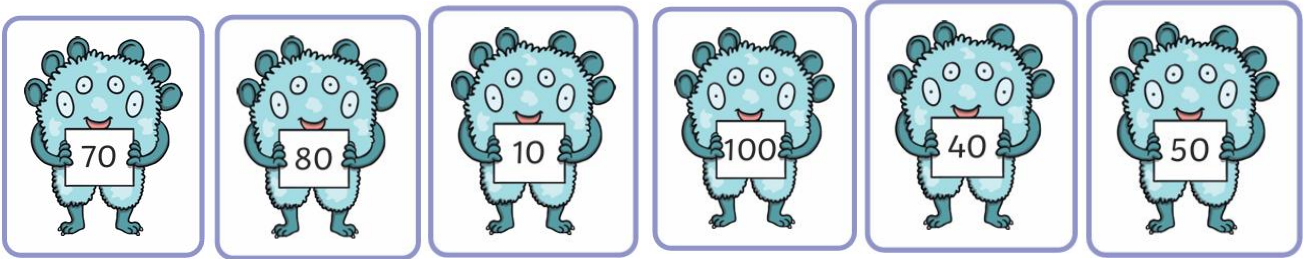
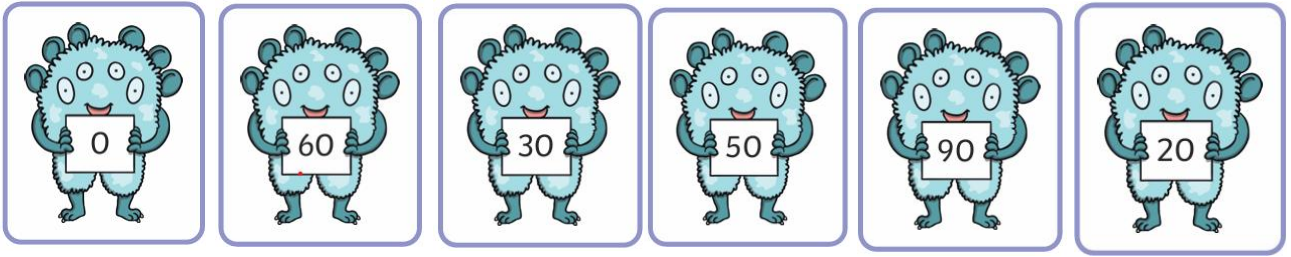


Remember... **part + part = whole**

whole - part = part

Activity 2:

Find each alien pair that equal 100. Use your number bond knowledge of 10 to help you find these complements of 100.



Activity 3:

Use your number bond knowledge to complete these addition and subtractions.

$$24 + 3 =$$

$$37 + 2 =$$

$$41 + 5 =$$

$$38 - 2 =$$

$$55 - 3 =$$

$$40 + 20 =$$

$$50 + 30 =$$

$$10 + 80 =$$

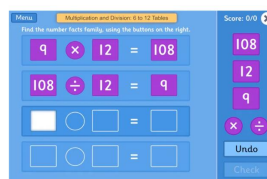
$$60 - 30 =$$

$$100 - 20 =$$

Why not try these games to continue the learning.

Remember:

Internet Safety:
Only go online with
an adult.



Fact families from topmarks

<https://www.topmarks.co.uk/number-facts/number-fact-families>

Addition pyramids from mathseasily

<https://matheasily.com/addition-pyramids.html>