Key Learning: To add and subtract multiples of 10

30 + 40 =	30 + 50 =
40 + 30 =	50 + 30 =
20 + 50 =	20 + 40 =
50 + 20 =	40 + 20 =
40 + 50 =	50 + 40 =

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Mathematics Mastery

Y2 U2 L4 Talk Task

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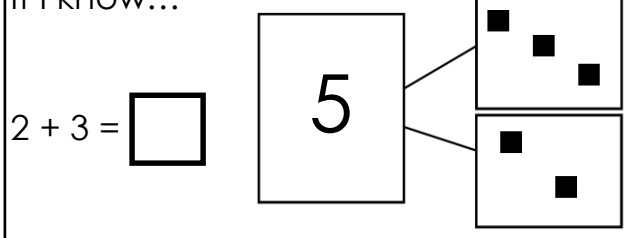
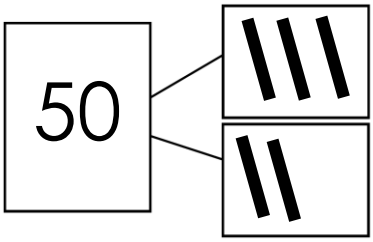
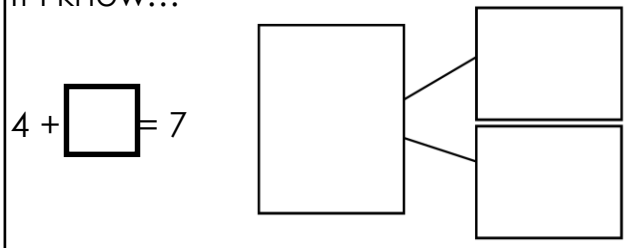
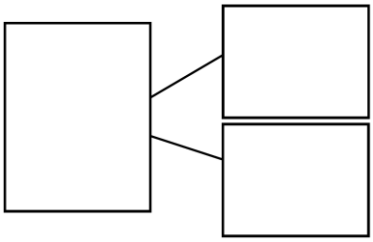
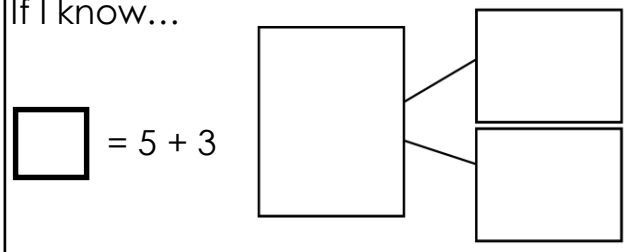
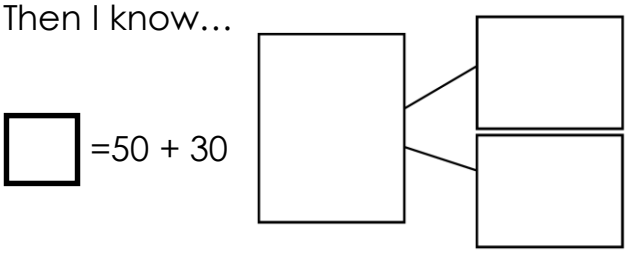
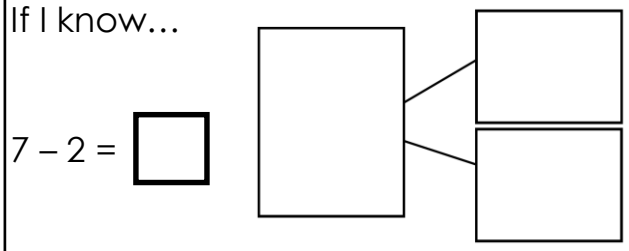
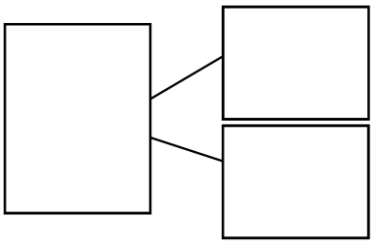
If I know… 	Then I know… 
If I know… 	Then I know… 
If I know… 	Then I know… 
If I know… 	Then I know… 

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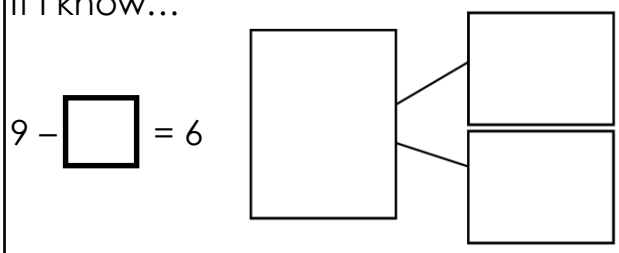
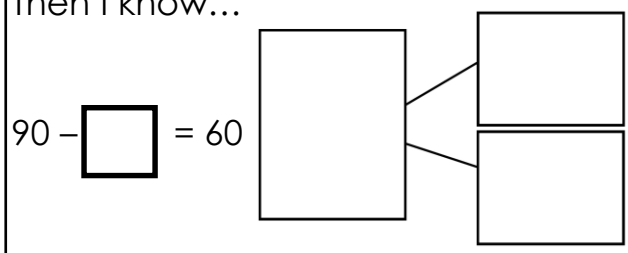
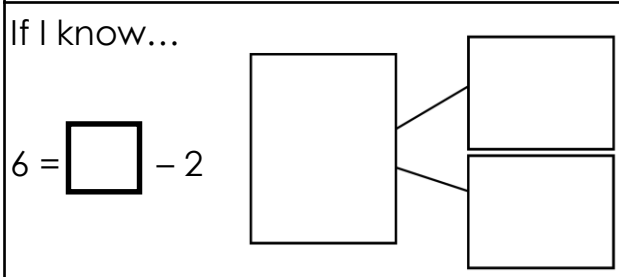
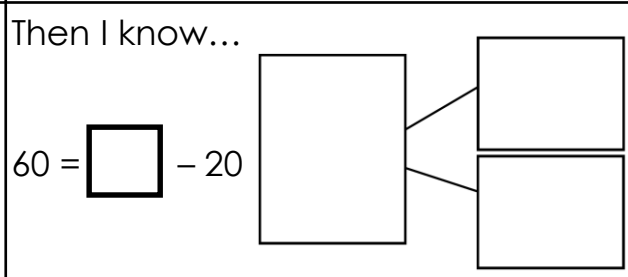
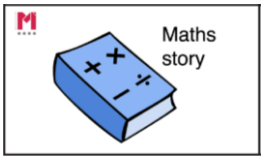
If I know… 	Then I know… 
If I know… 	Then I know… 



Generate maths stories to match the derived equations. You could use the Big Picture for some ideas.

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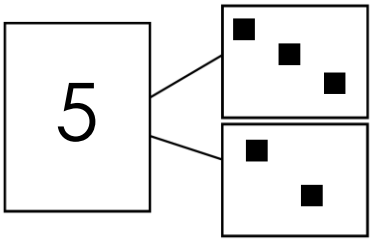
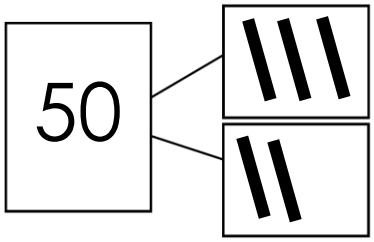
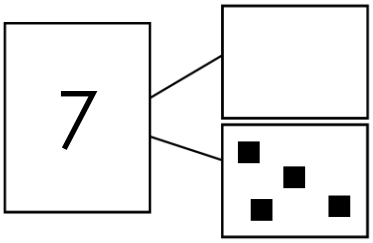
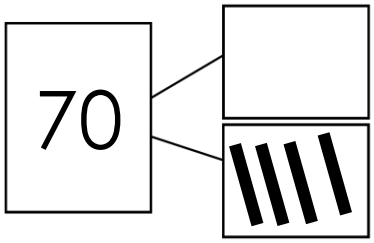
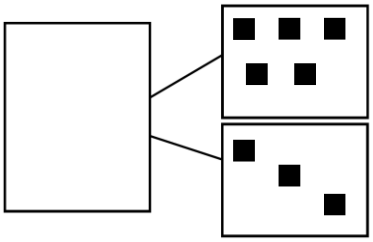
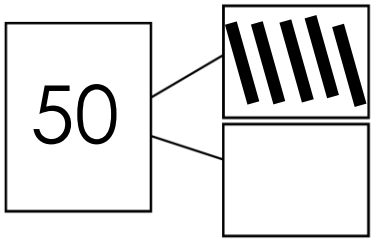
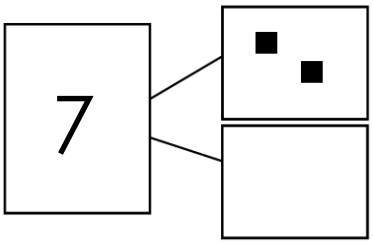
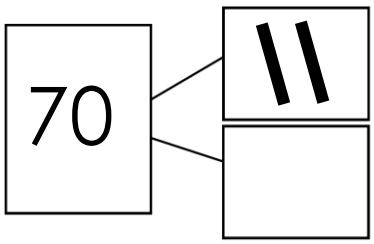
If I know… 	Then I know… 
If I know… 	Then I know… 
If I know… 	Then I know… 
If I know… 	Then I know… 

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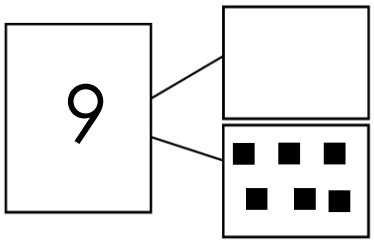
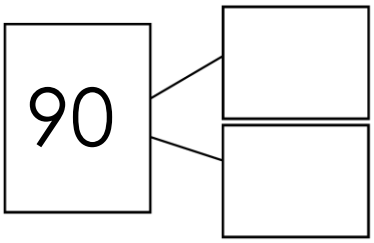
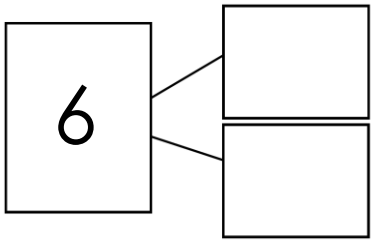
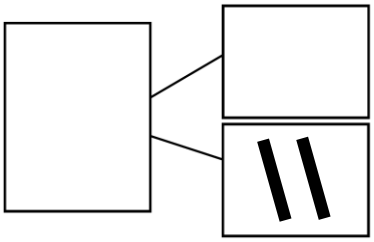
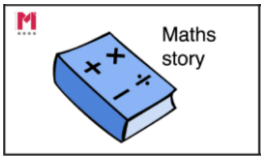
If I know… 9 – ☐ = 6 	Then I know… 90 – ☐ = 60 
If I know… 6 = ☐ – 2 	Then I know… 60 = ☐ – 20 



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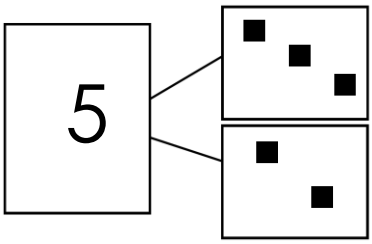
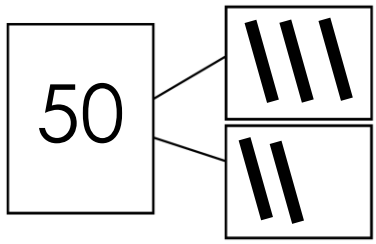
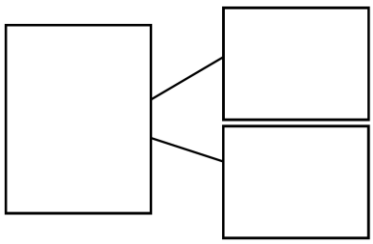
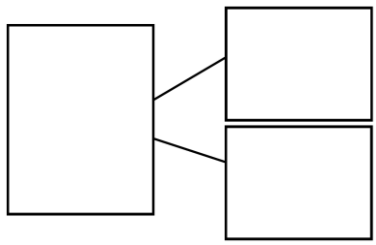
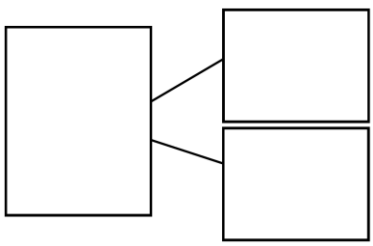
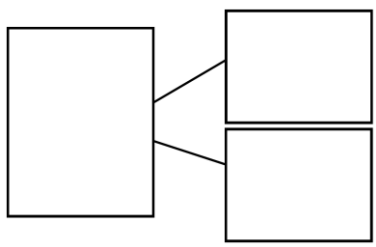
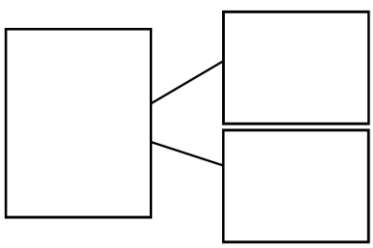
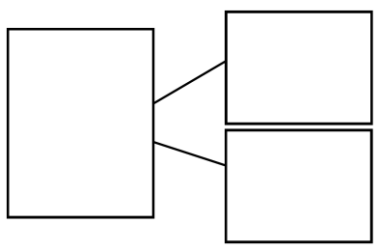
? ← Answer

If I know… 	Then I know… 20 + 30 = ☐ 
If I know… 	Then I know… 40 + ☐ = 70 
If I know… 	Then I know… ☐ =50 + 30 
If I know… 	Then I know… 70 – 20 = ☐ 

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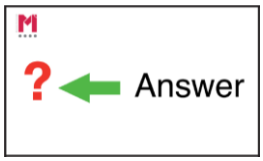
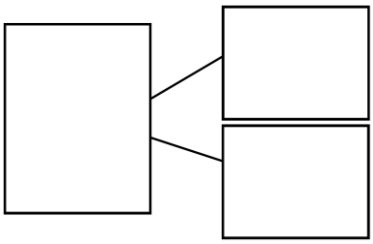
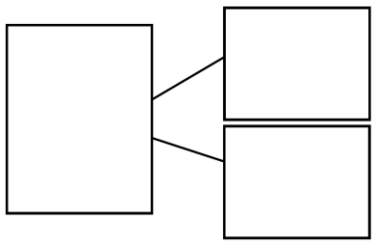
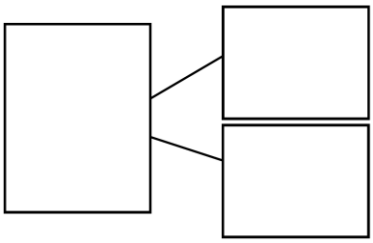
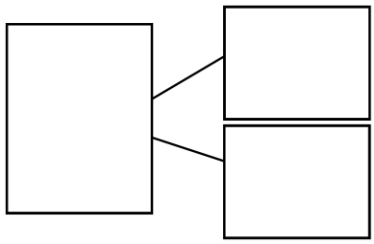
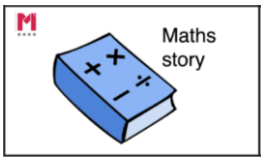


If I know… 	Then I know… 
If I know… 	Then I know… 



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Fact families

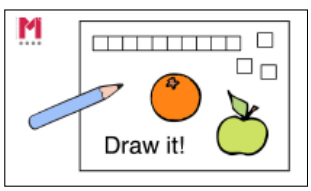
14	
8	6

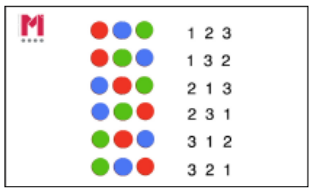
$8 + 6 = 14$
$6 + 8 = 14$
$14 - 6 = 8$
$14 - 8 = 6$

Explore how you can change the value of the tens digits to create related fact families.

□4	
□8	□6

How many different ways can you find?
Draw Dienes to represent how you used facts to derive new facts?





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