Addition and Subtraction

Learning Objective:
To recognise number patterns
in addition and subtraction

If I know... $5 + 3 = 8$

I also know... $4 + 4 = 8$

$3 + 5 = 8$

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I also know...   4 + 4 = 8

3 + 5 = 8

If I know... $5 + 3 = 8$

I also know.. $4 + 4 = 8$

$3 + 5 = 8$

What happens to these numbers?

As these number decrease,

If I know...   5 + 3 = 8

I also know...   4 + 4 = 8

3 + 5 = 8

these numbers increase.

If I know... $7 + 3 = 10$

I also know... $\_\_ + 4 = 10$

$5 + \_\_ = 10$

Fill in the missing numbers. What pattern can you spot here?

If I know... $16 - 6 = \rule{1cm}{0.4pt}$

I also know... $16 - \rule{1cm}{0.4pt} = 9$

                 $16 - \rule{1cm}{0.4pt} = 8$

Fill in the missing numbers. What pattern can you spot here?

If I know... $17 + 6 = 23$

I also know... $16 + \_\_ = 23$

$15 + \_\_ = 23$
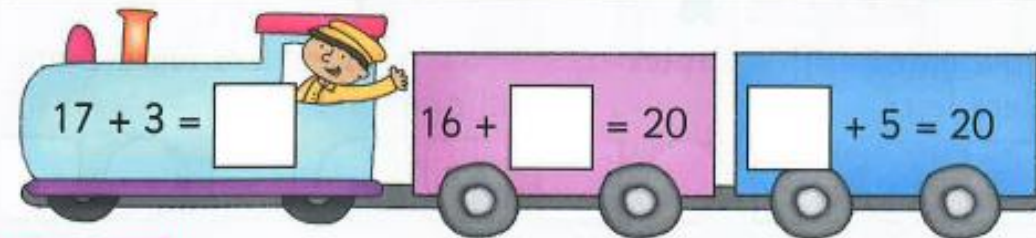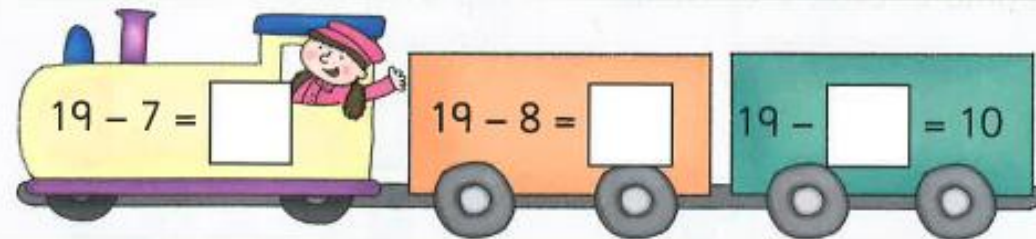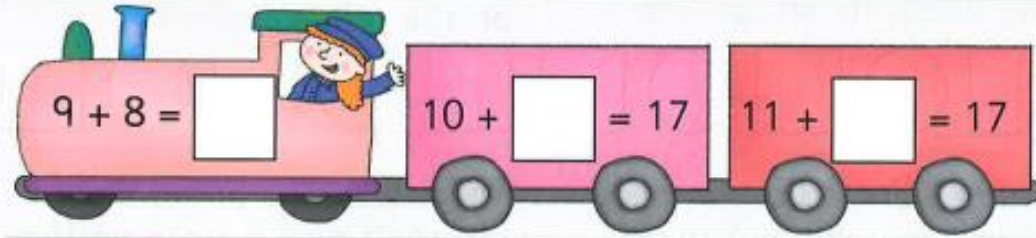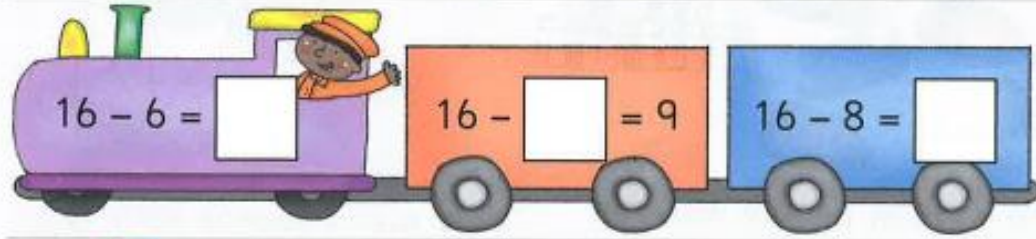
Train patterns

Recognise patterns in addition and subtraction

$10 + 5 =$ ☐ $11 +$ ☐ $= 15$ ☐ $+ 3 = 15$

$16 - 6 =$ ☐ $16 -$ ☐ $= 9$ $16 - 8 =$ ☐

$9 + 8 =$ ☐ $10 +$ ☐ $= 17$ $11 +$ ☐ $= 17$

$19 - 7 =$ ☐ $19 - 8 =$ ☐ $19 -$ ☐ $= 10$

$17 + 3 =$ ☐ $16 +$ ☐ $= 20$ ☐ $+ 5 = 20$
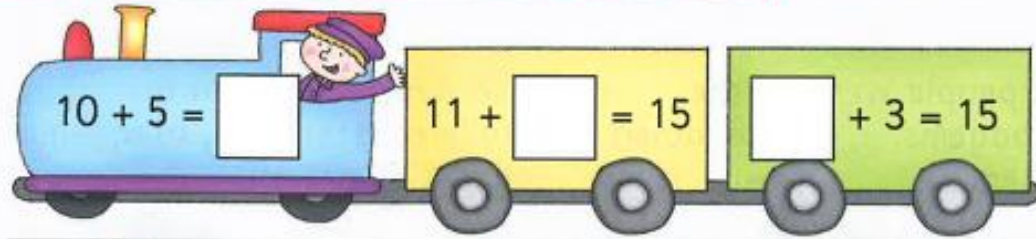
Task: Use your knowledge of addition and subtraction to complete the 'train patterns' activity.

Remember: Use a number line for support and always check your calculations by using the inverse!