

Lesson 4 – Scaling up by 10 for addition.

Challenge

Use the facts that you know to help you work out related facts – the first 2 have been done for you.

If I know...	then I also know...
$8 + 6 = 14$	$80 + 60 = 140$
$4 + 3 = 7$	$40 + 30 = 70$
$1 + 8 =$	
$6 + 2 =$	
$7 + 6 =$	
$4 + 8 =$	
$9 + 4 =$	

What do you notice about the numbers in the left column and the numbers in the right column?

Mega Challenge

A garden table costs £80 and 2 garden chairs each cost £60. How much do the 2 chairs and the table cost altogether?

Which related facts helped you to work out your answer?

If you finish the mega challenge – choose any number bond to 20 and show me related facts – look at the top 2 rows of the Challenge for ideas!

Lesson 5 – Scaling up by 10 for multiplication.

Challenge

Use the facts that you know to help you work out related facts – the first 2 have been done for you.

If I know...	then I also know...	and I also know...
$3 \times 5 = 15$	$30 \times 5 = 150$	$3 \times 50 = 150$
$4 \times 2 = 8$	$40 \times 2 = 80$	$4 \times 20 = 80$
$2 \times 5 =$		
$5 \times 5 =$		
$3 \times 4 =$		
$4 \times 6 =$		
$3 \times 8 =$		

What do you notice about the numbers in the left column and the numbers in the next 2 columns?

Mega Challenge

A family ticket for a safari park is £40. 3 families go together. How much do the 3 family tickets cost altogether? Which related facts helped you to work out your answer?

If you finish the mega challenge – choose any multiplication fact up to 12×12 and show me related facts – look at the top 2 rows of the Challenge for ideas!