## Maths

## Multiplication and Division

## Build It



## Aim

- I can use known facts to multiply and divide mentally.


## Success Criteria

- I use factors to make multiplication and division calculations easier.
- I can multiply by 9 and 11 by multiplying by 10 and adjusting.
- I can multiply by 5 by multiplying by 10 and halving.
- I can multiply by 50 by multiplying by 100 and halving.


## The Fifteen Times Table

## Can you help Billy Builder with his multiplication?



## Multiplying by Nine

Let's calculate $56 \times 9$.


## Multiplying by Eleven

Let's calculate $74 \times 11$.


## Multiplying by Five and Fifty

We can multiply by 5 by multiplying by 10 and halving.


## Fantastic Factors

We can also use the relationships between factors to make mental calculations easier.


## Fantastic Factors

If we want to divide a number by 6, we could think about the factors of 6 which are easy to calculate.


## Fantastic Factors

This strategy also works for multiplication.


## Build It

Use your marvellous maths skills to complete these activities:


## Next Steps

What do you know now that you didn't know at the start of the lesson?


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