

Chilli Challenges - 26/1/21

Answer at least one challenge question.

Self-assess your learning with the answers. No Peeking!

Mild Green Chilli



34×6 can be represented like this

Hundreds	Tens	Ones

Hot Yellow Chilli

Here are 6 multiplications.

43×5	54×6	38×6
33×2	19×7	84×5

Which of the multiplications would you calculate mentally?

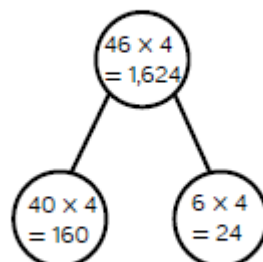
Which of the multiplications would you use a written method for?

Explain your choices to a partner.

Did your partner choose the same methods as you?

Spicy Red Chilli

Ron is calculating 46 multiplied by 4 using the part-whole model.



Can you explain Ron's mistake?

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Answers

True

$$34 \times 6 = 34 + 34 + 34 + 34 + 34 + 34$$

Yellow Chilli - Discuss with your adult

Children will sort the multiplications in different ways.

It is important that teachers discuss with the children why they have made the choices and refer back to the efficient multiplication step to remind children of efficient ways to multiply mentally.

Ron has multiplied the parts correctly, but added them up incorrectly.

$$160 + 24 = 184$$