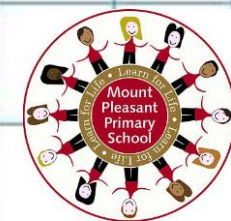# Stretching Your Maths

Y4 Multiplication

Objective 5: Multiply two-digit and three-digit numbers by a one-digit number using formal written layout.

To be done during assessment pause.

A small bag of sweets contains 15 sweets.

A large bag of sweets contains 7 times as many as the small bag.

Max buys 8 bags of each.

How many sweets does he buy in total?

Curiosity

1. Su Lin is baking bread. She needs 3,830g of flour to make 8 loaves. Flour is sold in large or small bags.

750g

325g

Explore the different combinations of large and small bags that Su Lin could buy so she has enough flour.

Which combination is closest to the amount required?

What do you notice?

435 x 4

72 x 5

(435 x 4) + (72 x 5)

(534 x 6) + (56 x 9)

7860 – [(242 x 3) + (34 x 5)]

Confirm

435 x 4

72 x 5

(435 x 4) + (72 x 5)

(534 x 6) + (56 x 9)

7860 – [(242 x 3) + (34 x 5)]

Where can we start?

What diagrams help?

What jottings help?

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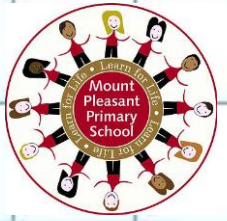

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325g

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Which combination is closest to the amount required?

Create your own!

- How much in a small bag?
- How much in a large bag?
- How much do they need altogether?
- Will it be a perfect fit?
- If not, how will you word your question?

Consider

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