

Use this sheet **WHEN** you've completed the main worksheet and want a challenge. Remember to use your blue book if you have it to show your workings. The questions were resourced from White Rose Maths and Twinkl Diving into Mastery.

1.



The school kitchen needs to buy carrots for lunch.

A large bag has 200 carrots and a medium bag has $\frac{3}{5}$ of a large bag.

Mrs Rose says,

I need 150 carrots so I will have to buy a large bag.



Is Mrs Rose correct?

Explain your reasoning.

2.

There are 40 fish in another a fish tank. 15 of them are angel fish. $\frac{2}{5}$ are guppies. The rest are zebra fish. Harjot says there are more guppies than any other fish. Is he right? Explain how you know.

3.

If $\frac{1}{8}$ of A = 12, find the value of A, B and C.

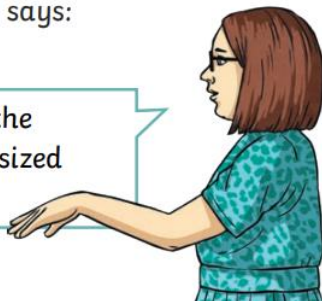
$$\frac{5}{8} \text{ of } A = \frac{3}{4} \text{ of } B = \frac{1}{6} \text{ of } C$$

4.

) The pet shop buys food in large and medium bags. Large bags hold 56g and medium bags hold $\frac{5}{8}$ of a large bag.

Patsy, one of the assistants, says:

Today, I need 40g of food for the small mammals so a medium sized bag will be enough.



Is Patsy right?

When you've finished – check your answers on the answer sheet.