

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. True or False?

Five tenths is $\frac{2}{10}$ smaller than 7 tenths.

Five tenths is $\frac{2}{10}$ larger than three tenths.

Do you agree?

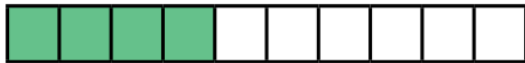
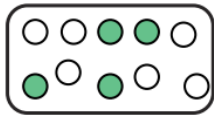
Explain why.

This statement is true.

$$\frac{5}{10} + \frac{2}{10} = \frac{7}{10}$$

$$\frac{5}{10} - \frac{2}{10} = \frac{3}{10}$$

2. Which is the odd one out? Explain your answer.



The odd one out is the sweets.

This is because the other two representations show $\frac{4}{10}$

3. a) Match the fractions to the correct descriptions.



My fraction is 7 tenths.

$$\frac{3}{10}$$



My numerator is half of the denominator.

$$\frac{7}{10}$$



My fraction is the smallest.

$$\frac{5}{10}$$

The first person shows $\frac{7}{10}$

The second person shows $\frac{5}{10}$ because half of 10 is 5.

The third person shows $\frac{3}{10}$ because that is the smallest.

Possible combination could be $\frac{3}{10} + \frac{7}{10}$

b) Which two of these fractions make a whole? Explain your reasoning.

4. 1) There are 10 bags of crisps in a cupboard.

$\frac{3}{10}$ are ready salted.

$\frac{1}{10}$ are salt and vinegar.

$\frac{4}{10}$ are cheese and onion.

$\frac{2}{10}$ are prawn cocktail.



Gary admits to his friends that he has eaten all of his favourite flavours and only $\frac{3}{10}$ of the crisps are left.

Find all possibilities for which flavours he ate.

Gary could have eaten:

- Salt & Vinegar, Cheese and Onion and Prawn Cocktail
- Cheese and Onion and Ready Salted