



YEAR 4

Friday 7th March

Homework Tasks (Year 4):

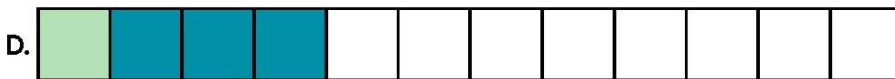
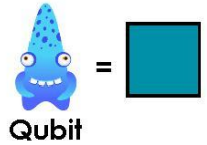
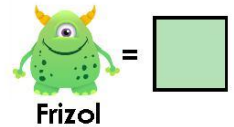
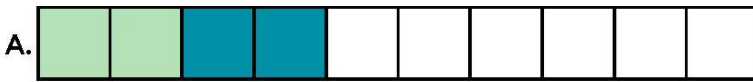
- **Maths:** Please complete – and mark - the ‘Fractions’ tasks on the next pages of this document and record your responses in your homework jotter book.

*Please place your homework books in the homework box by **Wednesday 12th March***

- **Spelling:** A spelling test, on **Spring Term 2 -Week 2 purple words** will take place next **Thursday** (see the separate spelling sheet for this term – it is split into weeks and you will be instructed which week we are currently learning).
- **Times Tables:** Please complete - and mark- Spring Term : Workout 8 p40-41 of your CGP 10-minute weekly workout book and your weekly test on the **7x and 9x** table will be next **Friday**.
- **Reading:** Please read for 45mins throughout the week.

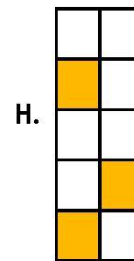
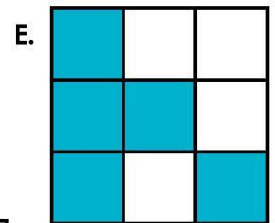
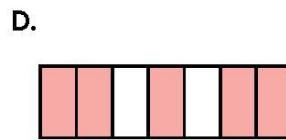
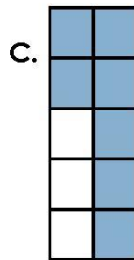
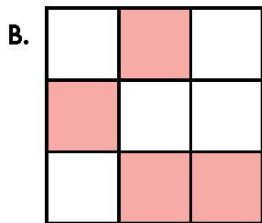
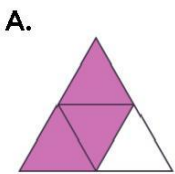
Understand the Whole

1. Frizol and Qubit have shaded parts of the representations below in their favourite colours. Xenda wants to know the fractions she needs to shade to make the whole. Write Xenda's fraction for each representation.





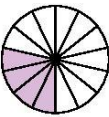
VF

2. Match the fractions that make a whole and write the addition statements.



VF

3. Ashley has the table below. She needs to add suitable headings to her table.

<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">$\frac{3}{4}$</div> <div style="text-align: center;">$\frac{8}{12}$</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;">  <div style="text-align: center;">$\frac{10}{14}$</div> </div>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">$\frac{1}{4}$</div> <div style="text-align: center;"></div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;">  <div style="text-align: center;">$\frac{2}{8}$</div> </div>
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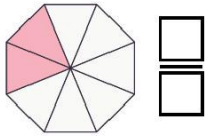
Use your understanding of the whole to add appropriate headings. Then add a different fraction or representation in each category.

RPS

What is a Fraction?

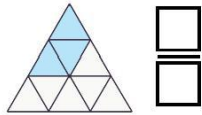
4. Shade and complete the shapes to represent the fractions below.

A.



$$\frac{5}{12}$$

B.



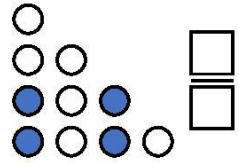
$$\frac{6}{8}$$

C.



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

D.



$$\frac{8}{9}$$

Write the correct fraction next to each shape.

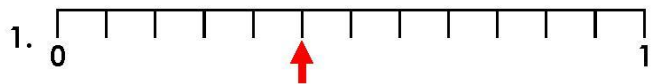


VF
HW/Ext

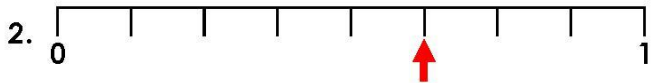
5. Match the number lines to the representations.

A.

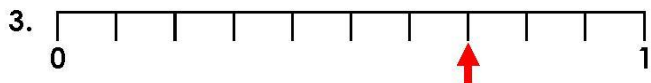
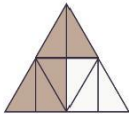
Out of 10 dogs, 7 are brown.



B.



C.



VF
HW/Ext

6. Sally and Boris are discussing the fraction represented below.



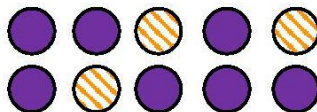
Boris

I think the fraction is $\frac{7}{10}$.



Sally

I think the fraction is $\frac{3}{10}$.



Who is correct? Explain your reasoning.







RPS
HW/Ext

Answers

Understand the Whole

1. A. $\frac{6}{10}$; B. $\frac{5}{11}$; C. $\frac{3}{14}$; D. $\frac{8}{12}$
2. A and G, $\frac{3}{4} + \frac{1}{4}$; B and E, $\frac{4}{9} + \frac{5}{9}$; C + H, $\frac{7}{10} + \frac{3}{10}$; D + F, $\frac{5}{7} + \frac{2}{7}$
3. Various answers, for example:

Large part of the whole	Less than half
$\frac{3}{4}$  $\frac{9}{10}$ $\frac{8}{12}$ $\frac{10}{14}$	$\frac{1}{4}$   $\frac{2}{8}$ 

What is a Fraction?

Expected

4. A. $\frac{6}{8}$; B. $\frac{8}{9}$; C. $\frac{5}{12}$; D. $\frac{7}{10}$
5. A. 3; B. 1; C. 2
6. Both are correct as the whole is 10 circles. 7 are one colour while 3 are another. The fraction could either be $\frac{3}{10}$ or $\frac{7}{10}$.