



YEAR 4

Friday 27th February

Homework Tasks (Year 4):

- **Maths:** Please complete and mark- the 'Compare and Order Unit 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 4th March***

- **Spelling:** A spelling test, on **Spring Term 2 -Week 1 Red 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 7 p38 - 39 of your CGP 10-minute weekly workout book and your weekly test on the **2,3 and 12x** table will be next **Friday**.
- **Reading:** Please read for 45mins throughout the week.

Compare and Order Unit Fractions

To compare and order unit fractions.



1) Use $<$ or $>$ to compare the pairs of unit fractions. Draw models to help.

a) $\frac{1}{10}$ $\frac{1}{2}$

b) $\frac{1}{7}$ $\frac{1}{8}$

c) $\frac{1}{5}$ $\frac{1}{4}$

d) $\frac{1}{6}$ $\frac{1}{8}$

2) 'The unit fractions with the greater denominators are smaller fractions.'

Explain why this is true.

3) Use $<$ or $>$ to compare the set of 3 fractions. The first one has been completed.

a) $\frac{1}{2}$ $\frac{1}{9}$ $\frac{1}{4}$

b) $\frac{1}{5}$ $\frac{1}{3}$ $\frac{1}{8}$

c) $\frac{1}{6}$ $\frac{1}{7}$ $\frac{1}{2}$

d) $\frac{1}{8}$ $\frac{1}{9}$ $\frac{1}{10}$

4)

a) Draw models to help you order the set of unit fractions in ascending order.

$\frac{1}{5}$ $\frac{1}{9}$ $\frac{1}{3}$ $\frac{1}{6}$ ascending

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b) Draw models to help you order the set of unit fractions in descending order.

$\frac{1}{7}$ $\frac{1}{8}$ $\frac{1}{2}$ $\frac{1}{4}$ descending

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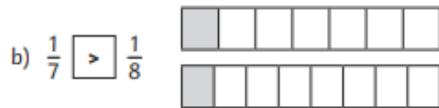
5) These unit fractions are ordered in ascending order. Write 2 fractions which could be under the ★ .

a) $\frac{1}{3}$ $\frac{1}{5}$ ★ $\frac{1}{10}$ _____ or _____

b) $\frac{1}{6}$ $\frac{1}{8}$ $\frac{1}{9}$ ★ $\frac{1}{15}$ _____ or _____

Answers

1)



2) **Dividing a whole into more equal parts makes each part smaller and so the fraction will be smaller.**

3)

b) $\frac{1}{5} < \frac{1}{3} > \frac{1}{8}$

c) $\frac{1}{6} > \frac{1}{7} < \frac{1}{2}$

d) $\frac{1}{8} > \frac{1}{9} > \frac{1}{10}$

4)

a)

ascending



b)

descending



5) These unit fractions are ordered in ascending order. Write 2 fractions which could be under the ★.

a) $\frac{1}{3}$ $\frac{1}{5}$ ★ $\frac{1}{10}$ Any of the following: $\frac{1}{6}$ $\frac{1}{7}$ $\frac{1}{8}$ $\frac{1}{9}$

b) $\frac{1}{6}$ $\frac{1}{8}$ $\frac{1}{9}$ ★ $\frac{1}{15}$ Any of the following: $\frac{1}{10}$ $\frac{1}{11}$ $\frac{1}{12}$ $\frac{1}{13}$ $\frac{1}{14}$