Week 12: White Rose Home Learning

For each lesson this week, except Friday, you will need to watch the relevant video, and stop it occasionally, to answer questions from the activity worksheet. You can now access each day's video from the link provided. To access the daily worksheet simply click on the appropriate file on our school website.

- **Get ready**: Click open today's activity worksheet – for example Monday Maths. If you are unable to print off the worksheet, simply write the answers in your book.
- Get set: Click on the video link provided and watch until it tells you to stop watching.
- Go: Answer the questions from the worksheet. You can write the answers into your home learning book; no need to print anything out. Then continue watching the video.
- Once finished, check your answers by clicking the appropriate file, for example Monday Maths Answers.
- Daily extensions are provided on the next few pages.

Monday - Lesson 1: Decimals as fractions
Click here to watch the video: **https://vimeo.com/425602384**

Tuesday - Lesson 2: Understanding thousandths
Click here to watch the video: **https://vimeo.com/425602576**

Wednesday - Lesson 3: Rounding decimals
Click here to watch the video: **https://vimeo.com/425603173**

Thursday - Lesson 4: Order and compare decimals
Click here to watch the video: **https://vimeo.com/425603300**

Friday – Time. Simply go to:
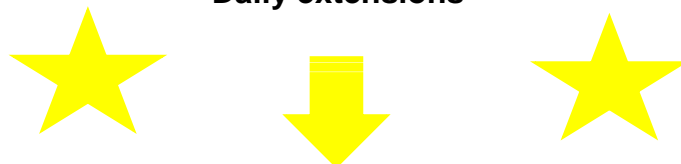https://mathsframe.co.uk/en/resources/resource/119/find-the-start-time
Instructions:
1. Click - Play Game
2. Click - Play
3. Click – Play
4. Select any level.
5. Play the next higher level.
Challenge: Choose more than two levels.

Daily extensions

Green Monday

1. Tick the fractions that have been correctly converted to decimals.

A. $\frac{66}{100}$ = 6.06 ☐

(0.1) (0.1) (0.1) (0.01) (0.01) (0.01)
(0.1) (0.1) (0.1) (0.01) (0.01) (0.01)

B. $\frac{48}{100}$ = 0.48 ☐

(0.1) (0.1) (0.01) (0.01) (0.01) (0.01)
(0.1) (0.1) (0.01) (0.01) (0.01) (0.01)

C. $\frac{26}{100}$ = 0.62 ☐

(0.1) (0.01) (0.01) (0.01)
(0.1) (0.01) (0.01) (0.01)

D. $\frac{82}{100}$ = 0.82 ☐

(0.1) (0.1) (0.1) (0.1) (0.01)
(0.1) (0.1) (0.1) (0.1) (0.01)

VF
HW/Ext

Green Tuesday

2. Convert the decimals to expanded fractions and the fractions to expanded decimals.

A. 0.33

(0.1) (0.1) (0.1) (0.01) (0.01) (0.01)

B. $\frac{15}{100}$

(0.1) (0.01) (0.01) (0.01) (0.01) (0.01)

C. $\frac{42}{100}$

(0.1) (0.1) (0.1) (0.1) (0.01) (0.01)

D. 0.24

(0.1) (0.1) (0.01) (0.01) (0.01) (0.01)

VF
HW/Ext

Green Wednesday

3. I'm thinking of a fraction.
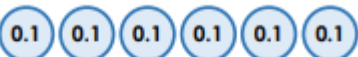
> It is not a mixed number.

> It has a denominator of 100.

> The numerator is 3 x 9.

What could my fraction be? What could my fraction be as a decimal number?

RPS
HW/Ext

Green Thursday

2. Match the visual representation to the decimal and the fraction it shows.

A. $\boxed{0.1}$ $\boxed{0.1}$ $\boxed{0.1}$ $\boxed{0.1}$ $\boxed{0.1}$ $\boxed{0.1}$

0.4

$\frac{9}{10}$

B.

0.6

$\frac{4}{10}$

C.

0.9

$\frac{60}{100}$

VF
HW/Ext

Pink Monday

4. Tick the fractions that have been correctly converted to decimals.

A. $3 \frac{28}{100} = 3.82$ ☐   B. $4 \frac{63}{100} = 4.63$ ☐

C. $2 \frac{84}{100} = 2.84$ ☐   D. $1 \frac{59}{100} = 1.95$ ☐

VF
HW/Ext

Pink Tuesday

5. Convert the decimals to expanded fractions and the fractions to expanded decimals.

A.
1.73

B.
$2 \frac{57}{100}$

C.
$5 \frac{62}{100}$

D.
6.09

VF
HW/Ext

Pink Wednesday

6. I'm thinking of a fraction.

> It is a mixed number with a whole number less than 3.

> It has a denominator of 100 and it is not in its simplest form.

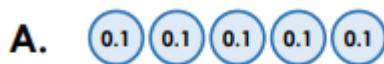> The numerator is between 40 and 50 and is a multiple of 4.

What could my fraction be? What could my fraction be as a decimal number?

RPS
HW/Ext

Pink Thursday

5. Match the visual representation to the decimal and the fraction it shows.

A.   0.5 $\frac{1}{5}$

B.   0.3 $\frac{1}{2}$

C.   0.2 $\frac{30}{100}$

VF
HW/Ext

Purple Monday

7. Tick the fractions that have been correctly converted to decimals.

A. $2\frac{23}{50}$ = 2.46 ☐

B. $6\frac{2}{25}$ = 6.8 ☐

C. $4\frac{13}{20}$ = 4.52 ☐

D. $3\frac{4}{50}$ = 3.08 ☐

VF
HW/Ext

Purple Tuesday

8. Convert the decimals to expanded fractions and the fractions to expanded decimals.

A.

3.07

B.

$5 \frac{16}{25}$

C.

$6 \frac{43}{50}$

D.

4.81

VF
HW/Ext

Purple Wednesday

9. I'm thinking of a fraction.

It is a mixed number with a whole number less than 4.

It has a denominator of 20 and is in its simplest form.
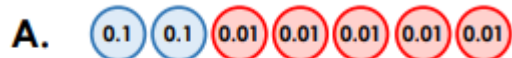
The numerator is a prime number.

What could my fraction be? What could my fraction be as a decimal number?

RPS
HW/Ext

Purple Thursday

8. Match the visual representation to the decimal and the fraction it shows.

A. (0.1)(0.1)(0.01)(0.01)(0.01)(0.01)(0.01)

0.8

$\frac{10}{25}$

B.

0.25

$\frac{4}{5}$

C.

0.4

$\frac{1}{4}$

VF
HW/Ext