Year 4NK Christ Church Timetable

Day 10 – Friday 3rd April 2020

Breakfast

↓

Exercise

↓

10am – Maths
(Dividing by 100) ✓

↓

Brain Break and snack

↓

11am – SPAG with Mrs Ross ☐

↓

Play

Lunch

↓

1.30pm – Drama ☐

↓

Brain break

↓

3pm – Maths meeting
(Tenths as decimals) ☐

↓

Reward yourself for a day's hard work and don't forget to read before bed!

Maths Task 1

1. a) Complete the sentence.

To divide by 100 you move the counters ☐ places to

the _____

1. b) Complete the sentence.

To divide by 10 you move the counters _____ places to
the _____

2. **a)** Draw counters to show 8 on the place value chart.

Ones	Tenths	Hundredths

b) Complete the division.

8 ÷ 100 = ☐

c) Draw counters to show your answer on the place value chart.

Ones	Tenths	Hundredths

3. Complete the calculations.

a) $3 \div 100 =$ ⬚

d) ⬚ $= 60 \div 100$

b) $90 \div 100 =$ ⬚

e) ⬚ $\div 100 = 0.5$

c) ⬚ $= 5 \div 100$

f) $0.02 =$ ⬚ $\div 100$

Dora is working out $48 \div 100$ using a place value chart.

Tens	Ones	•	Tenths	Hundredths
●●●●	●●●● ●●●●			

To divide by 100 you move two places to the right, so $48 \div 100$ is 40.08

Tens	Ones	•	Tenths	Hundredths
●●●●				●●●● ●●●●

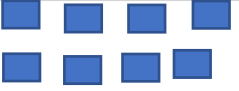**a)** Explain the mistake that Dora has made.

_____

_____

Answers

1a) To divide by 100 you move the counters 2 places to the right
1b) To divide by 10 you move the counters 1 place to the right

2.

a) Draw counters to show 8 on the place value chart.

Ones	Tenths	Hundredths
▪ ▪ ▪ ▪ ▪ ▪ ▪ ▪		

b) Complete the division.

$8 \div 100 =$ **0.08**

c) Draw counters to show your answer on the place value chart.

Ones	Tenths	Hundredths

3.　Complete the calculations.

a) $3 \div 100 =$ **0.03**　　　　**d)** **0.6** $= 60 \div 100$

b) $90 \div 100 =$ **0.9**　　　　**e)** **50** $\div 100 = 0.5$

c) **0.05** $= 5 \div 100$　　　　**f)** $0.02 =$ **2** $\div 100$

Dora is working out $48 \div 100$ using a place value chart.

Tens	Ones	Tenths	Hundredths
● ● ● ●	● ● ● ● ● ● ● ● ●		

To divide by 100 you move two places to the right, so $48 \div 100$ is 40.08

Tens	Ones	Tenths	Hundredths
● ● ● ●			● ● ● ● ● ● ● ●

a) Explain the mistake that Dora has made.

Dora has moved the 8 ones two places to the right correctly, but has not moved over the 4 tens. She needs to move the 4 tens over to the Tenths column. 48 divided by 100 = 0.48

SPAG

Spring Words Page 1		
Focus: The sound /ay/ written as **ei**, **eigh** and **ey**	Main focus: the prefixes **re-** and **pre-**	Main focus: the prefixes **in-** and **im-**
they	return	**important**
grey	replay	**increase**
obey	prepare	**imagine**
neigh	predict	**possible**
weigh	prediction	impossible
weight	previous	imperfect
eight	previously	impolite
height	preparation	incorrect
vein (blood!)	bicycle	in**complete**
rein(s)	rewrite	**ordinary**
reindeer	rebuild	extraordinary
neighbour	precaution	immortal
reign	recycle	immense (huge!)
foreign	retreat	immature
beige	recede	premature
leisure		
veil		
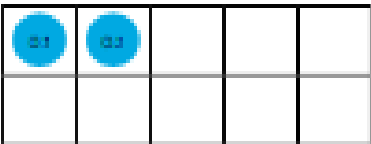
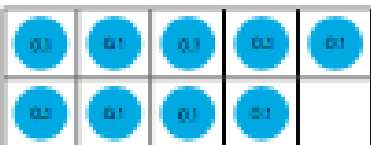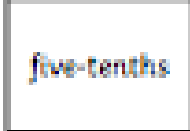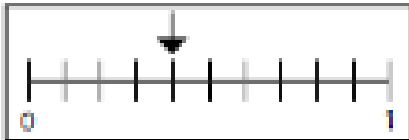| Spring Words Page 2	
Main focus: prefixes (National Curriculum word list words in bold)	Main focus: prefixes (National Curriculum word list words in bold)
extreme	**interest**
extremely	interesting
experiment	**island**
exercise	**appear**
experience	disappear
regular	dis**continue**
irregular	submerge
legal	submarine
illegal	**sentence**
national	legible
international	illegible
interact	literate
binoculars	illiterate
bilingual	relevant
irresponsible	irrelevant

Maths meeting

Task 1:

1) Match the equivalent pairs.

a)

b) 0.5

c)

d) $\frac{4}{10}$

e) five-tenths

f)

g) 0.9

h) $\frac{2}{10}$
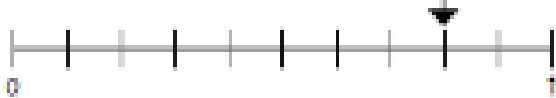
2) Complete this table:

Representation	Decimal	Fraction
	0.4	
	0.1	
		$\frac{2}{10}$

Task 2:

1) In a centimetre (cm), there are 10 milli-metres (mm).

$1mm = \frac{1}{10}$ cm

Use this information to complete this table:

Centimetres and Millimetres	Millimetres	Fraction	Decimal
1cm 2mm	12mm	$1\frac{2}{10}$ cm ($\frac{12}{10}$)	1.2cm
	15mm		
		$\frac{5}{10}$ cm	
			1.7cm

2) a) Which representations are equal to 0.4? Tick the correct representations:

☐ $\frac{4}{10}$

☐ $\frac{4}{100}$

☐ 0.1 0.1 0.1 0.1

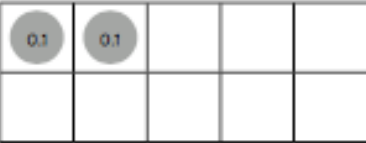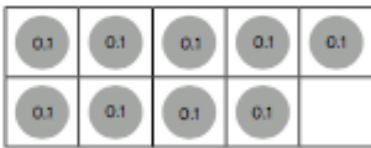☐ (pie chart tenths)

☐ (bar model)

☐ (bar model)

☐ (number line 0 to 1)

☐ (pie chart eighths)

☐ four-tenths

☐ four-hundredths
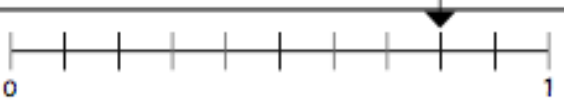
b) How many different ways can you represent $\frac{7}{10}$?

Answers

1)

a)

b)
0.5

c)

d)
$\frac{4}{10}$

e)
five-tenths

f)

g)
0.9

h)
$\frac{2}{10}$

2)

| Representation	Decimal	Fraction
(bar model, 4 of 10 shaded)	0.4	$\frac{4}{10}$
(number line 0 to 1, arrow)	0.8	$\frac{8}{10}$
(bar model, 7 of 10 shaded)	0.7	$\frac{7}{10}$
(grid, 5 shaded)	0.5	$\frac{5}{10}$
0.1 shown on any of the above representations.	0.1	$\frac{1}{10}$
$\frac{2}{10}$ shown on any of the above representations.	0.2	$\frac{2}{10}$

Answers

1)

Centimetres and Millimetres	Millimetres	Fraction	Decimal
1cm 2mm	12mm	$1\frac{2}{10}$ cm $(\frac{12}{10})$	1.2cm
1cm 5mm	15mm	$1\frac{5}{10}$ cm $(\frac{15}{10})$	1.5cm
0cm 5mm	5mm	$\frac{5}{10}$ cm	0.5cm
1cm 7mm	17mm	$1\frac{7}{10}$ cm $(\frac{17}{10})$	1.7cm

2) a)
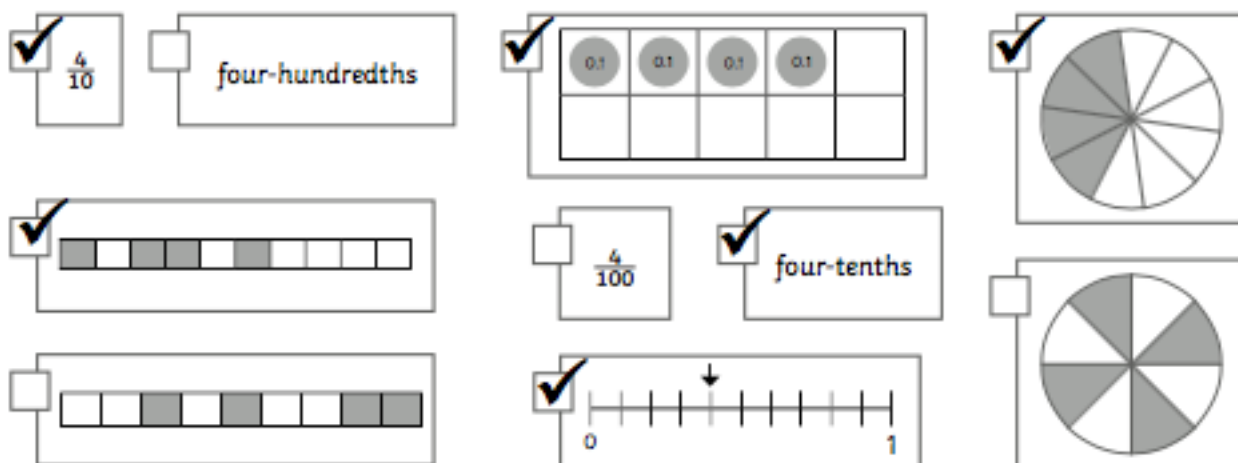
b) Children represent $\frac{7}{10}$ in a variety of ways including similar models and representations shown above.
For example: