

# Hartley Road Primary School

## Grade 3 - Mathematics

### Online work

### Revision for exam

#### Instructions:

1. Complete the following as revision for the Mathematics assessment.
2. Check your answers against the answers provided.
3. Flip-file work must be revised daily.
  - Revise spellings of number names 1-750
  - Counting patterns- 2s, 3s, 4s, 5s, 10s, 15s, 20s, 25s and 50s up to 750.
  - Time tables 1 to 10.
4. Watch the video on 3D shapes by clicking on the link below.

<https://www.youtube.com/watch?v=EKf2vk0hCkQ>

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#### Write down the place value and value of the underlined numbers:

*Place value refers to how many hundreds, tens or units.*

*Value refers to the number.*



Number	Place value	Value
<u>3</u> 23	3 hundreds/ hundreds	300
2 <u>3</u> 9	3 tens/ tens	30
54 <u>7</u>	7 units/ units	7

#### Number names and symbols:

Complete the table

Number name	Number symbol
e.g. four hundred and thirty seven	437
five hundred and nineteen	519
five hundred and ninety nine	599
four hundred and forty eight	448

#### Rounding off to the nearest ten:

1. 422  $\approx$  420
2. 523  $\approx$  520
3. 197  $\approx$  200

**Fill in the > < or = sign:**

1. 419 < 491
2. 390 > 300+80+6
3. 4 hundreds+ 6 tens + 5 units = 465

**Repeated addition leading to multiplication:**

Write a multiplication sum for each of the following sums:

1.  $6+6+6+6+6 = 30$   $6 \times 5 = 30$
2.  $4+4+4+4+=16$   $4 \times 4 = 16$

**Use the decomposition method to calculate the following: (ensure that steps are correct – see previous work.)**

1. 452
2. 498
3. 311
4. 321
5. 198
6. 84
7. 33
8. 31

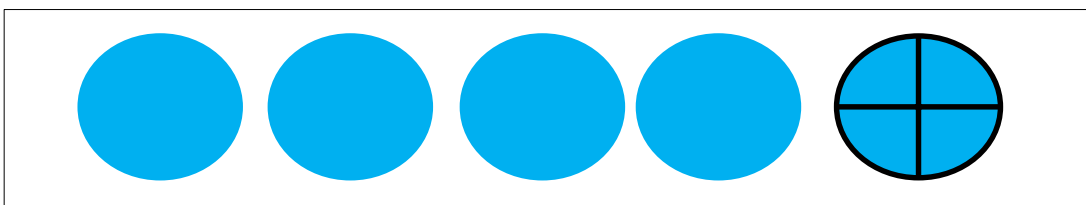
**Doubling and halving using break up: (ensure that steps are correct – see previous work.)**

Complete:

1. 714
2. 490
3. 98
4. 129
5. 236
6. 160

**Word problem:**

1. Share 5 cupcakes equally amongst 4 friends. How much of cupcake will each friend get? (No remainders cut into fractions.)



Answer: 1 and a 1/4

### Number patterns:

1. Fill in the missing numbers to complete the pattern. Underline and complete the rule:

324, 328, 332, 336, 340, 344

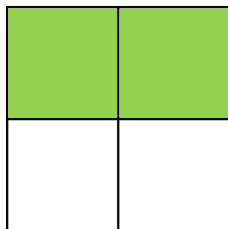
Counting (forwards, backwards) in 4s.

2. Complete the patterns:

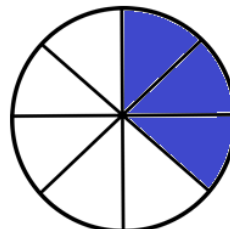
Forwards in 50s	150	200	250	300	350
Backwards in 20s	180	200	220	240	260
Forwards in 10s	562	572	582	592	602
Forwards in 2s	219	221	223	225	227
Backwards in 5s	235	240	245	250	255
Forwards in 3s	363	369	372	375	378
Forwards in 4s	152	156	160	164	168
Backwards in 25s	150	175	200	225	250
Forwards in 100s	271	371	471	571	671

### Colour in these fractions:

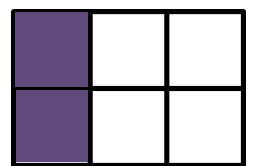
a)  $\frac{2}{4}$



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



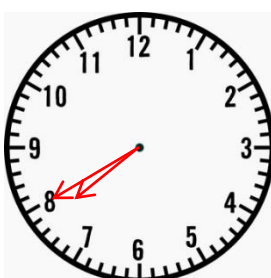
c)  $\frac{1}{3}$







### Time

Draw the needles on the clock to show the time given:

Twenty to eight.



Write down the analogue and digital times for the time shown on the clock.

Clock	Analogue time	Digital time
e.g.  In the afternoon	Quarter past five	17:15
1.  In the morning	Quarter past two	02:15
2.  In the morning	Ten past 12	00:10
3.  In the afternoon	Half past five	17:30



Love and duas

The Grade 3 team

