

Hartley Road Primary School
Grade 3 - Mathematics
Online work
Term 1 and 2 revision - Memo

Activity 1

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>5</u> 64	5 hundreds/ hundreds	500
4 <u>2</u> 0	2 tens/ tens	20
55 <u>8</u>	8 units/ units	8
<u>2</u> 61	6 tens / tens	60
<u>4</u> 44	4 hundreds / hundreds	400

Number names and symbols:

Complete the table

Number name	Number symbol
e.g. three hundred and thirty seven	337
five hundred and nineteen	519
two hundred and seventy eight	278
five hundred and ninety	590
three hundred and forty nine	349
four hundred and forty one	441
five hundred and fourteen	514

Rounding off to the nearest ten:

Round off the following:

1. 86 \approx 90
2. 53 \approx 50
3. 19 \approx 20
4. 53 \approx 50

5. $61 \approx 60$

Fill in the > < or = sign:

1. $303 < 330$
2. $317 < 409$
3. $1 \text{ hundred} + 2 \text{ tens} + 7 \text{ units} = 127$
4. $492 < 500$
5. $297 > 100 + 90 + 9$

Activity 2

Repeated addition leading to multiplication:

Write a multiplication sum for each of the following sums:

- | | |
|--------------------------|-------------|
| 1. $6+6+6+6 = 24$ | 6 x 4 = 24 |
| 2. $10+10+10+10+10 = 50$ | 10 x 5 = 50 |
| 3. $2+2+2+2+2+2 = 12$ | 2 x 6 = 12 |
| 4. $3+3+3 = 9$ | 3 x 3 = 9 |
| 5. $4+4+4+4+4+4 = 24$ | 6 x 4 = 24 |

Use the decomposition method to calculate the following:

1. $422+107$	2. $468-210$
$= (400+20+2) + (100+0+7)$	$= (400+60+8) - (200+10+0)$
$= (400+100) + (20+0) + (2+7)$	$= (400-200) + (60-10) + (8-0)$
$= 500+20+9$	$= 200+50+8$
= 529	= 258
3. $244+78$	4. $419-208$
$= (200+40+4) + (0+70+8)$	$= (400+10+9) - (200+0+8)$
$= (200+0) + (40+70) + (4+8)$	$= (400-200) + (10-0) + (9-8)$
$= 200+110+12$	$= 200+10+1$
= 322	= 211
5. 25×3	6. $36 \div 3$
$= (20+5) \times 3$	$= (30+6) \div 3$
$= (20 \times 3) + (5 \times 3)$	$= (30 \div 3) + (6 \div 3)$
$= 60 + 15$	$= 10 + 2$
= 75	= 12

7. 26×4	8. $68 \div 2$
$= (20+6) \times 4$	$= (60+8) \div 2$
$= (20 \times 4) + (6 \times 4)$	$= (60 \div 2) + (8 \div 2)$
$= 80 + 24$	$= 30 + 4$
$= 104$	$= 34$

Activity 3

Doubling and halving using break up:

Complete:

Double 340	Half of 214
$= 300+40$	$= 200+10+4$
$= 600+80$	$= 100+5+2$
$= 680$	$= 107$
Double 237	Half of 154
$= 200+30+7$	$= 100+50+4$
$= 400+60+14$	$= 50+25+2$
$= 474$	$= 77$
Double 79	Half of 406
$= 70+9$	$= 400+6$
$= 140+ 18$	$= 200+3$
$= 158$	$= 203$

Word problems:

1. Nasima had 152 water balloons in her toy basket. Her mother bought her a pack of 80 water balloons. How many water balloons does she now have?

Sum: $152+80$

Answer: 232

2. Taariq had 253 sheets of colour paper. His elder brother asked him for some to use for his project. Taariq gave his brother 50 sheets. How many sheets does Taariq now have?

Sum: $253 - 50$

Answer: 203

Number patterns:

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

216, 220 ,224, 228, 232, 236


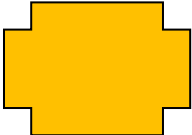

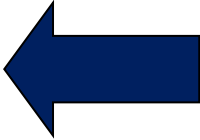

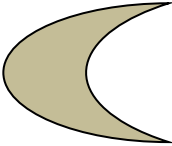

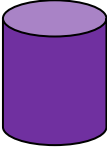


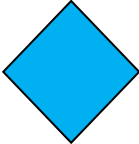
Counting (forwards, backwards) in 4s.

2. Complete the patterns:

Forwards in 50s	350	400	450	500	550
Backwards in 20s	100	120	140	160	180
Forwards in 10s	231	241	251	261	271
Forwards in 2s	317	319	321	323	325
Backwards in 5s	480	485	490	495	500
Forwards in 3s	210	213	216	219	222
Forwards in 4s	144	148	152	156	160
Backwards in 25s	350	375	400	425	450
Forwards in 100s	115	215	315	415	515

Activity 4

Look at the pictures and the co-ordinates in the grid below:

6				
5				
4				
3				
2				
1				
	A	B	C	D

Fill in the co-ordinates of: (Letter first, number after)

Cylinder	A2
Butterfly	C1
Car	A3
Arrow	B4
Lion	D3

What pictures are in the following co-ordinates?(Draw the picture or write the word)

A5 – cross

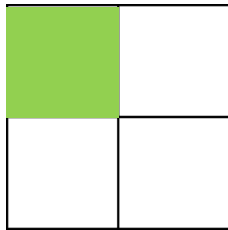
B3- moon

C6- bow

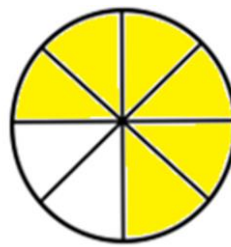
D5- heart

Colour in these fractions:

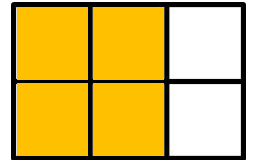
a) $\frac{1}{4}$



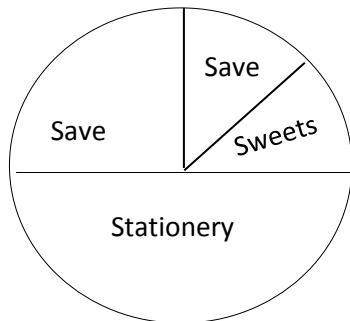
b) $\frac{6}{8}$



c) $\frac{2}{3}$



Circle the correct answer. What fraction of money did I spend on:



a. Stationery - $\frac{1}{2}$ $\frac{1}{4}$ $\frac{1}{8}$


b. Save - $\frac{1}{2}$ $\frac{1}{4}$ $\frac{1}{8}$




c. Sweets- $\frac{1}{2}$ $\frac{1}{4}$ $\frac{1}{8}$

Activity 5

Time

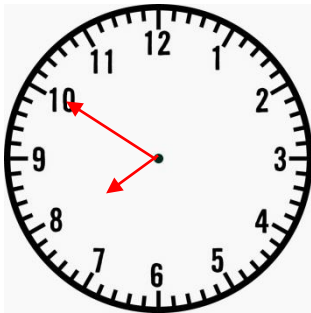
Write down the analogue and digital times for the time shown on the clock.

Clock	Analogue time	Digital time
e.g.  In the morning	Quarter past five	05:15

<p>1.</p>  <p>In the afternoon</p>	<p>Quarter past two</p>	<p>14:15</p>
<p>2.</p>  <p>In the afternoon</p>	<p>Ten past twelve</p>	<p>12:10</p>
<p>3.</p>  <p>In the morning</p>	<p>Half past five</p>	<p>05:30</p>

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

Ten to eight.



Word problem

Fareehah left home at half past six in the morning. She reached school at quarter past seven. How long did it take her to reach school?

It took her 45 minutes to reach school.



Love and duas