

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

Activity 1

Number	Place value	Value
<u>4</u> 23	4 hundreds	400
3 <u>7</u> 6	7 tens	70
5 <u>0</u> 0	0 units	0
<u>4</u> 99	9 tens	90
<u>5</u> 29	5 hundreds	500

Number names and symbols:

Complete the table

Number name	Number symbol
e.g. four hundred and twenty four	424
two hundred and seven	207
three hundred and ninety one	391
five hundred and four	504
one hundred and nineteen	119
three hundred and ninety nine	399
four hundred and forty eight	448

Rounding off to the nearest ten:

1. 47 \approx 50
2. 52 \approx 50
3. 16 \approx 20
4. 35 \approx 40
5. 21 \approx 20
6. 32 \approx 30
7. 87 \approx 90
8. 17 \approx 20
9. 23 \approx 20
10. 49 \approx 50

Fill in the > < or = sign:

1. $421 > 396$
2. $232 > 223$
3. $1 \text{ hundred} + 6 \text{ tens} + 3 \text{ units} = 163$
4. $411 > 338$
5. $172 > 100 + 60 + 7$

Activity 2

Repeated addition leading to multiplication:

Write a multiplication sum for each of the following sums:

1. $4+4+4+4 = 16$ $4 \times 4 = 16$
2. $5+5+5 = 15$ $5 \times 3 = 15$
3. $3+3+3+3+3+3 = 18$ $3 \times 6 = 18$
4. $2+2+2+2+2+2+2+2 = 16$ $2 \times 8 = 16$
5. $6+6+6 = 18$ $6 \times 3 = 18$

Use the decomposition method to calculate the following:

1. $321+117$	2. $479-206$
$= (300+20+1)+(100+10+7)$	$= (400+70+9)-(200+0+6)$
$= (300+100)+(20+10)+(1+7)$	$= (400-200)+(70-0)+(9-6)$
$= 400+30+8$	$= 200+70+3$
$= 438$	$= 273$
3. $342+123$	4. $431-216$
$= (300+40+2)+(100+20+3)$	$= (400+30+1)-(200+10+6)$
$= (300+100)+(40+20)+(2+3)$	$= (400-200)+(30-10)+(1-6)$
$= 400+60+5$	$= 200+20+1-6$
$= 465$	$= 215$
5. 16×4	6. $48 \div 4$
$= (10+6) \times 4$	$= (40+8) \div 4$
$= (10 \times 4) + (6 \times 4)$	$= (40 \div 4) + (8 \div 4)$
$= 40 + 24$	$= 10 + 2$
$= 64$	$= 12$

7. 48×3	8. $63 \div 3$
$= (40+8) \times 3$	$= (60+3) \div 3$
$= (40 \times 3) + (8 \times 3)$	$= (60 \div 3) + (3 \div 3)$
$= 120 + 24$	$= 20 + 1$
=144	=21

Activity 3 Doubling and halving using break up:

Complete:

Double 322	Half of 412
$= 300 + 20 + 2$	$= 400 + 10 + 2$
$= 600 + 40 + 4$	$= 200 + 5 + 1$
=644	=206
Double 246	Half of 152
$= 200 + 40 + 6$	$= 100 + 50 + 2$
$= 400 + 80 + 12$	$= 50 + 25 + 1$
=492	=76
Double 125	Half of 424
$= 100 + 20 + 5$	$= 400 + 20 + 4$
$= 200 + 40 + 10$	$= 200 + 10 + 2$
=250	=212

Word problems:

1. Waseem bought 48 spinning tops. He shares these equally amongst 4 children. How many spinning tops will each child get?

Sum: $48 \div 4 = 12$

Answer: **12**

2. Laaiqah has 84 stickers in her sticker book. She shares these equally amongst herself and her 3 friends. How many stickers will each child get?

Sum: $84 \div 4 = 21$

Answer: **21**

Number patterns:

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

152, 162, 172, **182, 192, 202**

Counting (forwards, backwards) in **tens**.

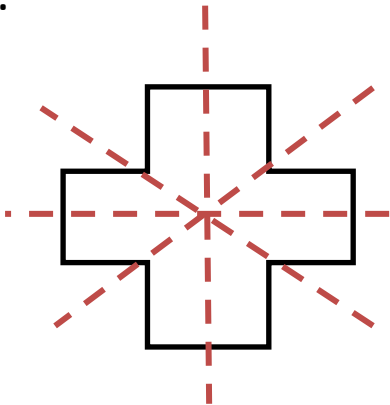
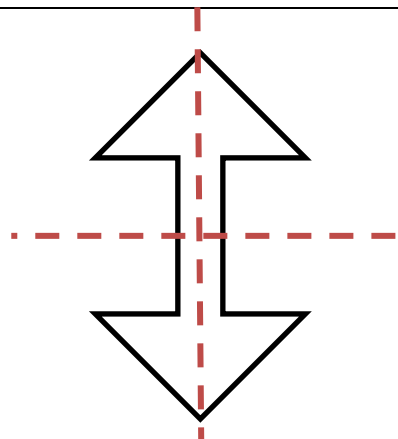
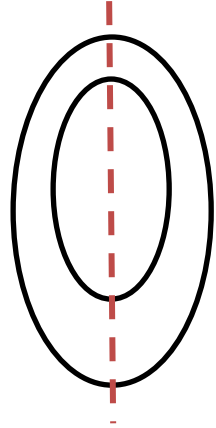
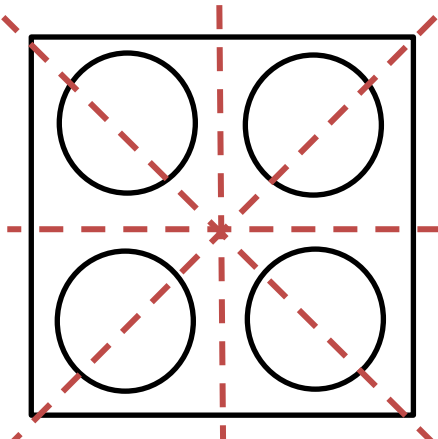
2. Complete the patterns:

Forwards in 50s	150	200	250	300	350
Backwards in 20s	280	300	320	340	360
Forwards in 10s	367	377	387	397	407
Forwards in 2s	420	422	424	426	428
Backwards in 5s	475	480	485	490	495
Forwards in 3s	207	210	213	216	219
Forwards in 4s	116	120	124	128	132
Backwards in 25s	225	250	275	300	325
Forwards in 100s	200	300	400	500	600

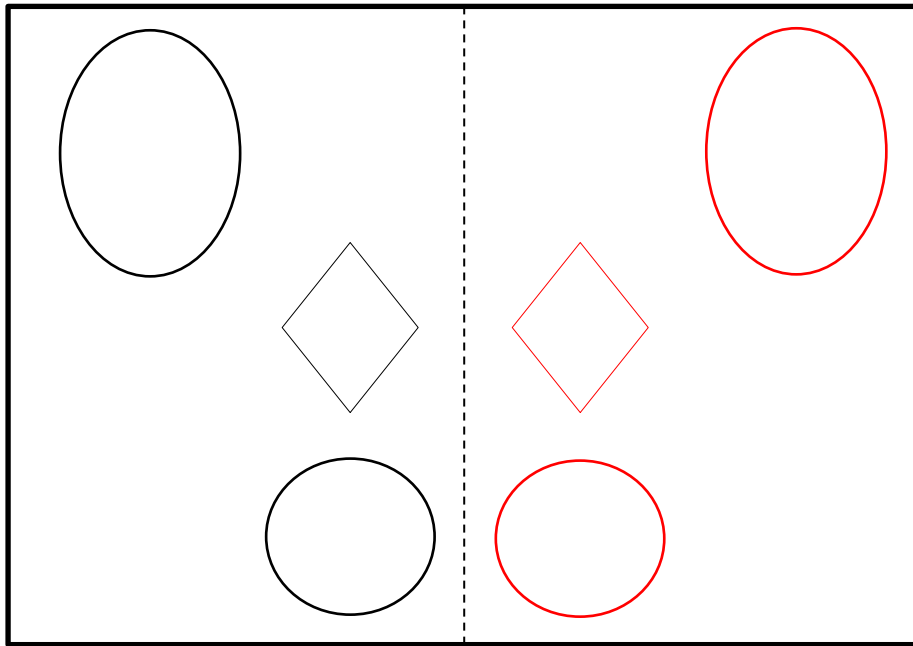
Activity 4

Draw a line of symmetry on the following shapes:

Any **one** of the following is marked correct.

<p>1.</p> 	<p>2.</p> 
<p>3.</p> 	<p>4.</p> 

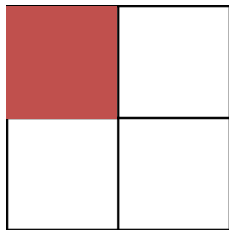
Draw shapes to make the picture symmetrical.



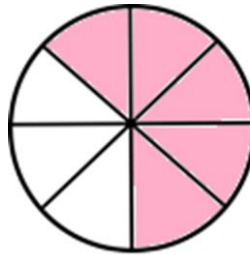
Fractions

Colour in these fractions:

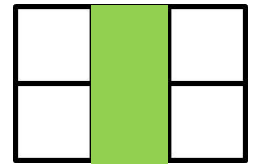
a) $\frac{1}{4}$



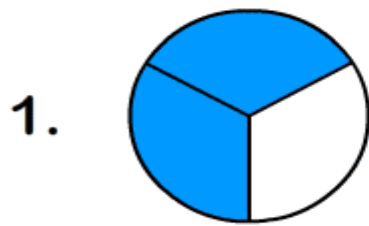
b) $\frac{5}{8}$



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



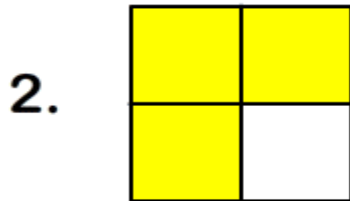
Circle the correct fraction from the given choices.



$$\frac{3}{4}$$

$$\frac{2}{3}$$

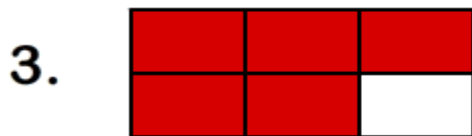
$$\frac{1}{4}$$



$$\frac{3}{4}$$

$$\frac{1}{5}$$

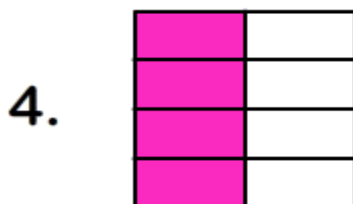
$$\frac{2}{3}$$



$$\frac{2}{4}$$

$$\frac{4}{5}$$

$$\frac{5}{6}$$



$$\frac{4}{8}$$

$$\frac{1}{3}$$

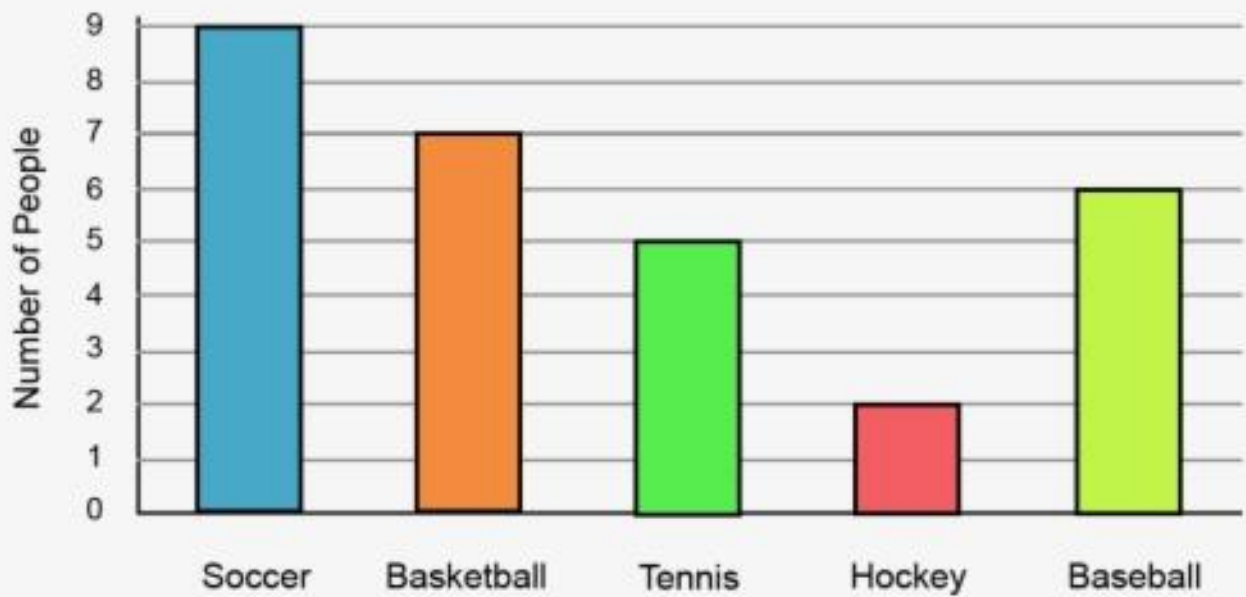
$$\frac{1}{2}$$

Data handling

Look at the graph below and answer the questions based on it:

A survey was done with learners from a Grade 3 class to see what the learners' favourite sports were.

Favourite sport







- How many learners took part in the survey? **29**
- What is the least favourite sport? **Hockey**
- How many more learners like soccer than tennis? **4**
- What is the difference between the most popular sport and least popular sport? **7**

Activity 5

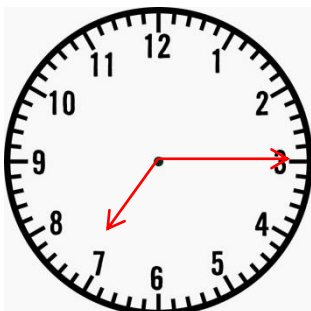
Time

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
1.  In the afternoon	Half past twelve	12:30
2.  In the afternoon	Quarter to five	16:45
3.  In the morning	Ten past two	02:10

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

Quarter past 7



Word problem

Mum left home at half past five in the evening to do the grocery shopping. She came back at quarter past six. How long did it take her to do the shopping?

It took mum 45 minutes to do the shopping.



Love and duas

The Grade 3 team

