



**Hartley Road Primary School**  
**Grade 3 - Mathematics**  
**Online work**  
**Revision for exam - Memo**

Question 1

1.1. Complete the table below:

Number symbols	Number names
867	eight hundred and sixty seven
911	nine hundred and eleven
749	seven hundred and forty nine
416	four hundred and sixteen

1.2. Build-up  $400+100+20+80+6+3 = 609$

1.3. Break up  $615 = 600+10+5$

1.4. Arrange these fractions from biggest to smallest.

$$\frac{1}{4} \quad \frac{1}{5} \quad 1 \quad \frac{3}{4} \quad \frac{1}{2} \quad 1 \quad \frac{3}{4} \quad \frac{1}{2} \quad \frac{1}{4} \quad \frac{1}{5}$$

1.5. Write down + - or = to make the number sentences true.

1.5.1.  $4 + 4 + 4 + 4 = 4 \times 4$

1.5.2.  $45 + 15 = 100 - 40$

1.6. Fill in < > or =

1.6.1. 5 hundreds > 427

1.6.2. 8 hundreds +6 tens + 4 units > 846

1.6.3.  $700+80+6 = 786$

1.7. Half of 296 is 148

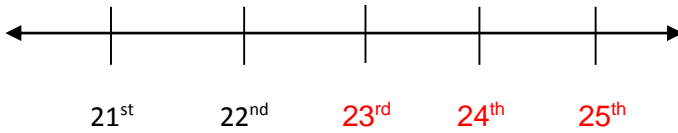
1.8. Double 92 is 184

1.9. 746 rounded off to the nearest 10 is 750

1.10.1. The value of the 8 in 816 is 800

1.10.2. The place value of the 4 in 649 is tens / 4 tens

1.11. Fill in the missing ordinal numbers on the number line



1.12. Calculate the following using the decomposition method.

$527 + 235$		$886 - 420$	
$= (500+20+7)+(200+30+5)$		$=(800+80+6)-(400+20+0)$	
$=(500+200)+(20+30)+(7+5)$		$=(800-400)+(80-20)+(6-0)$	
$=700+50+12$		$=400+60+6$	
<b><math>=762</math></b>		<b><math>=466</math></b>	
$64 \times 3$		$55 \div 5$	
$=(60+4) \times 3$		$=(50+5) \div 5$	
$=(60 \times 3)+(4 \times 3)$		$=(50 \div 5)+(5 \div 5)$	
$=180+12$		$=10+1$	
<b><math>=192</math></b>		<b><math>=11</math></b>	

1.13. Masood has 84 marbles. If he shares them equally between his best friend and himself, how many will each one of them get? (Use the decomposition method to work out.)

$$84 \div 2$$

$$= (80+4) \div 2$$

$$= (80 \div 2) + (4 \div 2)$$

$$=40+2$$

$$**=42**$$

## Question 2

### **Money**

2.1. Sumayyah has been saving up her money to buy herself an exciting book which she has been wanting for some time. If she saved all this money, how much more money does she need to buy the book?

Show your calculations.

**R170**



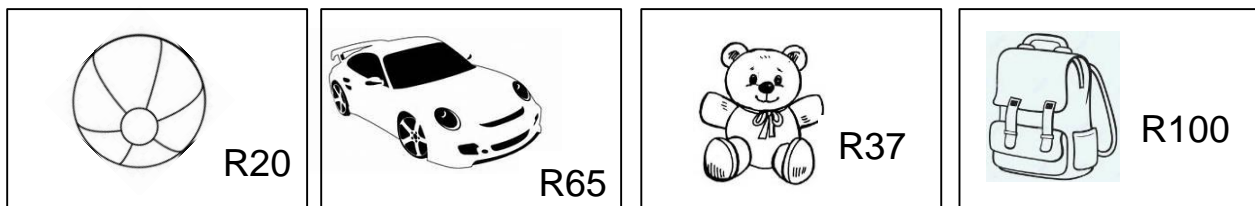
## Sumayyah's savings



$$R50+R50+R20+R20+R5+R5+R5+R2= R157$$

$$R170-R157 = R13$$

2.2. Look at the different toys and their prices. Work out the answers below:



I paid with R50.

I bought a teddy.

I got R13 change.

I paid with R100.

I bought a car and a ball.

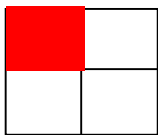
I got R15 change.

## Question 3

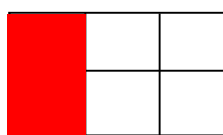
### Fractions

Shade in the fraction.

3.1.



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



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



$$\frac{2}{5}$$

3.2. Write down the fraction of the shaded part.



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

## Question 4

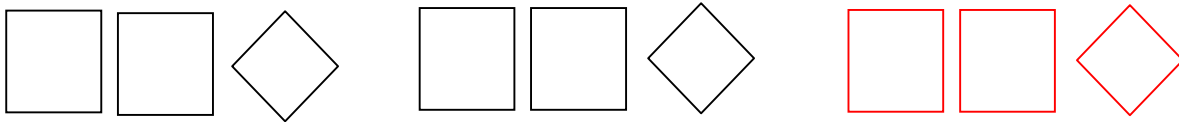
4.1. Complete the number patterns

Count backwards in 4s	904	908	912	916
Count forwards in 3s	621	624	627	630
Count backwards in 2s	778	780	782	784
Count forwards in 25s	525	550	575	600

4.2. Extend the pattern **once**.



4.3. Repeat the pattern **once**.



4.4. Circle the rule for each of these number patterns:

a. 962      960      958      956      954

Counting (forwards, backwards) in (2s, 3s, 4s)

b. 523      533      543      553      563

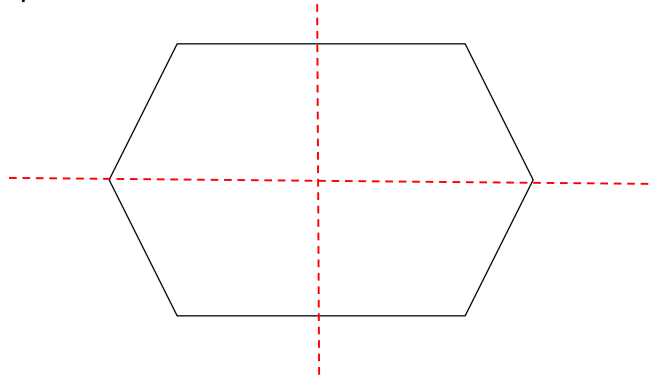
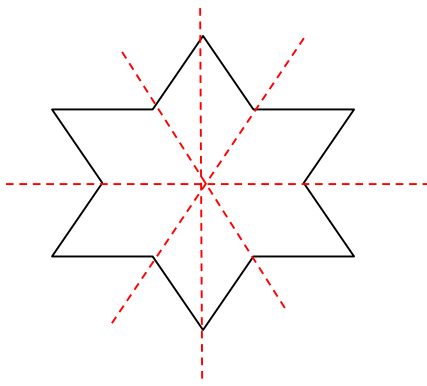
Counting (forwards, backwards) in (5s, 10s, 15s)

4.5. Complete the following table.

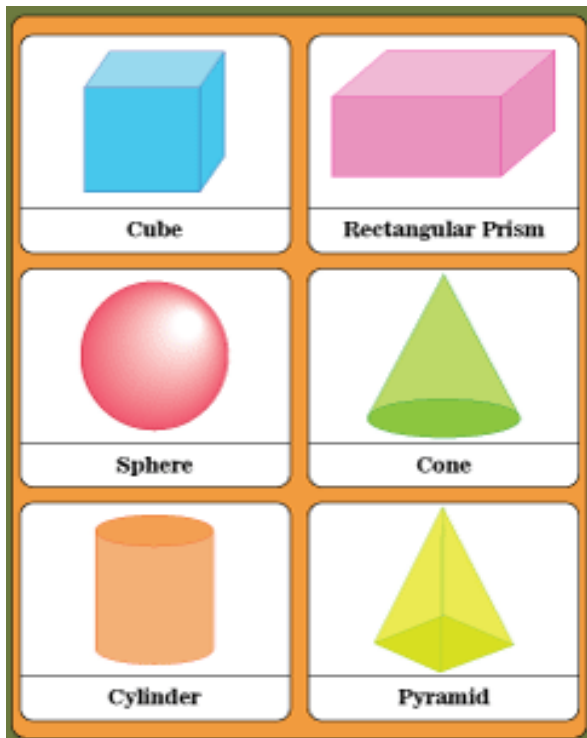
Bicycles	Wheels
12	24
22	44

Question 5:

5.1. Draw a line of symmetry on each of these shapes.



5.2. 3D shapes: Learn the spellings of the 3D shape names, as well as the 2D shapes that form the faces.



Question 6:

6.1. Write the analogue and digital times of the following clocks. (Time in the afternoon/ night)



Analogue: **Quarter past four**

Digital: **16:15**



Analogue: **Quarter to twelve**

Digital: **23:45**

6.2. I took a jog in the park from 09:30 to 10:15. How long did I jog for?

45 minutes.

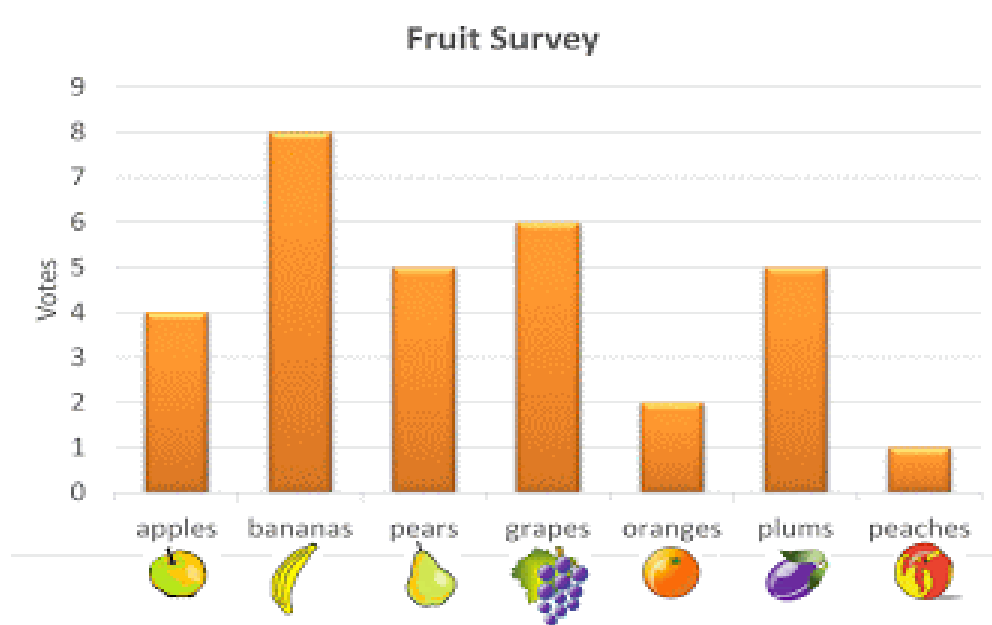
6.3.  $\frac{1}{2}$  of an hour = 30 minutes.

$\frac{1}{4}$  of an hour = 15 minutes.

$\frac{1}{5}$  of an hour = 12 minutes.

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Question 7: Read the graph to answer the questions below:



1. Which fruit do most people like? **Bananas**
2. Which fruit do the fewest people like? **Peaches**
3. How many people like plums? **5**
4. What is the difference between the most liked fruit and the least liked fruit? Show your calculations.

**$8 - 1 = 7$**