Yearly assessment

Name: _____

Whole Numbers

2	0	6
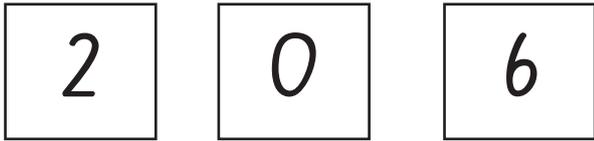
1. a) Write the largest possible three-digit number using these numbers.
   _____620_____

   b) Write your number in words. _____Six hundred and twenty_____

   c) Write the number that is 10 **after** your number. _____630_____

   d) Write the number that is 10 **before** your number. _____610_____

2. Write a three-digit number with:

   a) 2 in the tens place. _____420_____   b) 0 in the tens place. _____605_____

   c) 9 in the hundreds place. _____961_____   d) 5 in the ones place. _____765_____

3. Write **more than** or **less than** to complete each statement.

   a) 105 is _____less than_____ 150.

   b) 435 is _____less than_____ 453.

   c) 628 is _____more than_____ 608.

   d) 897 is _____more than_____ 889.

   e) 344 is _____less than_____ 404.

Addition and Subtraction

4. Solve these problems.

   a) $43 + 20 =$ _____63_____   b) $37 + 15 =$ _____52_____

   c) $16 + 16 =$ _____32_____   d) $18 + 24 =$ _____42_____

5. Explain or show the quickest way you know to work out $19 + 46$.

$$
\begin{array}{r}
{}^1 4\ 6 \\
+\ 1\ 9 \\
\hline
6\ 5
\end{array}
$$

Students' answers will vary.

6. Solve these problems.

a) $27 - 8 =$ _____ 19 b) $32 - 7 =$ _____ 25 c) _____ 48 $- 5 = 43$

7. The answer is 15.

a) Write an addition question. _____ 6 $+$ _____ 9 $=$ _____ 15

b) Write a subtraction question. _____ 20 $-$ _____ 5 $=$ _____ 15

8. Solve these problems.

a) $35 - 16 =$ _____ 19 b) $52 - 17 =$ _____ 35 c) _____ 20 $- 12 = 8$

9. Explain or show the quickest way you know to work out $41 - 15$.

$$
\begin{array}{r}
{}_3\cancel{4}\ {}^1 1 \\
-\ 1\ 5 \\
\hline
2\ 6
\end{array}
$$

Students' answers will vary.

10. Colour pairs of numbers that add together to equal 20.

12 2 18 8
4 17 16 3
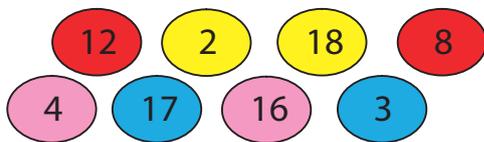
## Multiplication and Division

11. Colour the collection that has more.

a) **3 groups of 5** OR 5 groups of 2   b) 3 groups of 3 OR **6 groups of 2**

c) 10 groups of 2 OR **4 groups of 10**   d) **4 groups of 5** OR 6 groups of 3

12. a) How many 3s in 18? __6__   b) How many 5s in 35? __7__

   c) How many 2s in 16? __8__   d) How many 10s in 60? __6__

Fractions and Decimals

13. a) Gus has one-quarter of the 8 oranges.
       How many oranges does Gus have? __2__

   b) Ken has one-half of the 8 oranges.
       How many does Ken have? __4__

   c) Who has more oranges, Gus or Ken? __Ken__

   d) Draw a picture to show your thinking.

Oranges ◯ ◯ ◯ ◯   ◯ ◯ ◯ ◯
          Ken $\frac{1}{4}$ Gus $\frac{1}{2}$
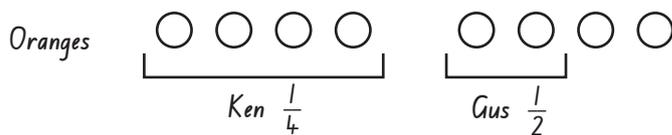
Patterns and Algebra

14. Complete these number patterns.

   a) 32, 34, 36, __38__, 40, __42__, __44__

   b) 65, __60__, 55, 50, 45, 40, __35__, __30__

   c) 40, 50, __60__, __70__, 80, 90, __100__

Data

15. Fill in the missing information about the favourite sport played by girls in class 2K.

Hockey	‖‖‖‖‖ ‖‖	7
Netball	‖‖‖‖ ‖	5
Swimming	‖‖‖‖‖ ‖	6
Tennis	‖‖‖	3

	Hockey	Netball	Swimming	Tennis
7	▓			
6	▓		▓	
5	▓	▓	▓	
4	▓	▓	▓	
3	▓	▓	▓	
2	▓	▓	▓	
1	▓	▓	▓	▓

Volume and Capacity

16. The tally marks show the number of cups of water used to fill each container.

Complete these statements.

a) The _____ *water bottle* _____ holds the least amount of water.

b) The bucket holds _____ *3* _____ more cups of water than the
_____ *pitcher* _____.

c) The difference between the container that holds the most and the container that holds the least is

_____ *5* _____ cups.

d) _____ *6* _____ bottles are needed to fill the bucket.

Mass

17. Circle the heavier object in each pair of scales.

a)

b)
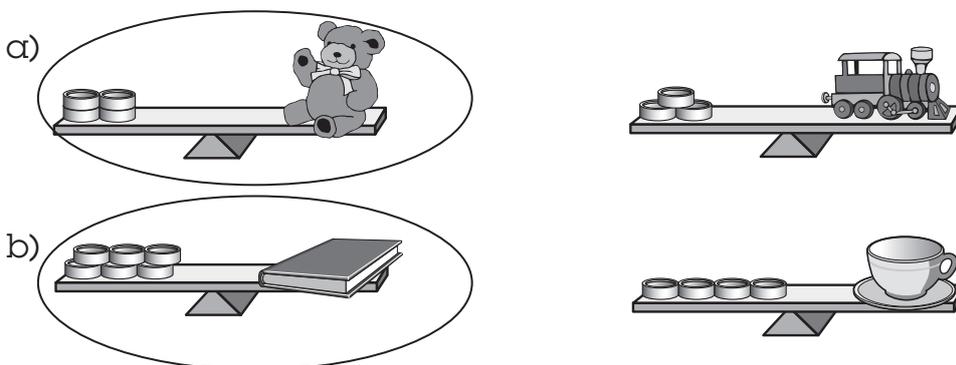
18. a) Which object in Question 17 is the lightest? _____ *train* _____

b) How many teddies would balance the book? _____ $2\frac{1}{2}$ _____

c) Which two items have the same mass? _____ *The teddy* _____

and the _____ *cup & saucer* _____

Time

19. Circle the activities that take about *1* minute to complete. Cross the activities that take about *1* hour to complete.
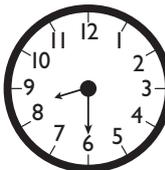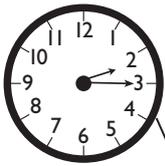
tie shoelaces   bake a cake   paint a room

20. Draw lines to match the times.

Half past 5   8:30

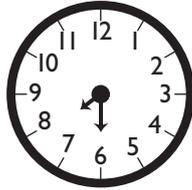Half past 8   2:15

Quarter past 2   5:30

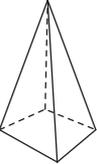21. Draw the time that comes *1* hour after ...

4 o'clock   Half past 7

3D Space

22. Write the number of faces, edges and corners for each 3D object.

a)

3		2		0	

faces   edges   corners

b)

6		12		8	

faces   edges   corners

c)

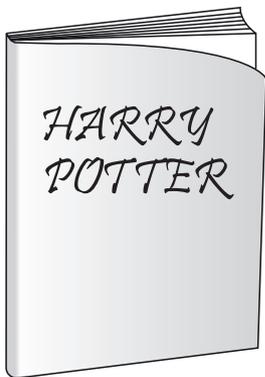| 5		8		5	

faces   edges   corners

2D Space

23. Draw what the shape looks like if it:

slides   turns   flips

24. Draw and name two objects that have an angle that is the same size as the corner of this page.

HARRY POTTER

A book

A ruler