



The Wilkie Way

NZ Curriculum Mathematical Numerical Knowledge & Skills Screening Assessment Level 2 Even Year

Student Name _____

Year Group _____

Area of Mathematics		
Whole numbers	/30	
Addition & Subtraction	/26	Uses simple additive strategies Yes / No
Multiplication & Division	/24	
Fractions	/20	
Total	/100	

Comments:

It is an illegal breach of copyright to photocopy this booklet.

What do you know about numbers?

1. Write the value of the underlined digit in each of these numbers in words?

For example: 36 six ones

a. 48 _____ b. 357 _____ c. 2438 _____

d. 63 582 _____ e. 507 _____

2. Fully expand the following numbers. For example: 16 = 30 + 6

a. 54 _____ b. 374 _____

c. 247 _____ d. 3507 _____

3. Write the number 10 more than each number given.

a. 35 _____ b. 46 _____ c. 124 _____ d. 397 _____

4. Write the number 10 less than each number given.

a. 74 _____ b. 52 _____ c. 327 _____ d. 604 _____

5. How many whole groups of 10 in each of these numbers?

a. 46 _____ b. 73 _____ c. 137 _____ d. 437 _____

6. How many whole groups of 100 in each of these numbers?

a. 538 _____ b. 268 _____ c. 1348 _____

7. Round each number to the closest 10 (decade).

a. 37 _____ b. 82 _____ c. 65 _____ d. 143 _____

8. Round each number to the closest 100

a. 378 _____ b. 742 _____

Score: /30

**What do you know about addition and subtraction?
Complete the following equations.**

1a. $3 + 5 = \underline{\quad}$

b. $7 + 7 = \underline{\quad}$

c. $10 + 8 = \underline{\quad}$

d. $10 - 3 = \underline{\quad}$

e. $15 - 5 = \underline{\quad}$

f. $16 - 8 = \underline{\quad}$

2a. $7 + 6 = \underline{\quad}$

b. $12 + 7 = \underline{\quad}$

c. $9 + \quad = \underline{\quad}$

d. $15 - 8 = \underline{\quad}$

e. $17 - 4 = \underline{\quad}$

f. $4 - 6 = \underline{\quad}$

3a. $40 + 20 = \underline{\quad}$

b. $80 + 40 = \underline{\quad}$

c. $32 + 6 = \underline{\quad}$

d. $90 - 30 = \underline{\quad}$

e. $120 - 50 = \underline{\quad}$

f. $89 - 4 = \underline{\quad}$

Solve the following equations and show how you arrived at your answer.

4a. $36 + 8 =$

b. $18 + 9 =$

5a. $72 - 7 =$

b. $63 - 9 =$

6a. $38 + 19 =$

b. $25 + 27 =$

7a. $68 - 29 =$

b. $72 - 35 =$

Score: **/26** Uses simple additive strategies. (Not counting)

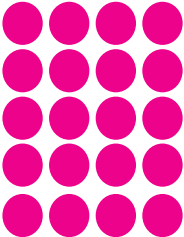
What do you know about multiplication and division?

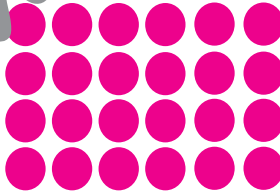
1. Draw a picture to show 15 counters shared into equal groups.

2a. Draw a picture to show: $2 + 2 + 2 + 2$

2b. Write a multiplication equation for $2 + 2 + 2 + 2$. _____

3. Write both multiplications shown by each array.

a.  _____

b.  _____

4a. Draw a picture to show $12 \div 3$

b. $12 \div 3 =$ _____

Complete these equations:

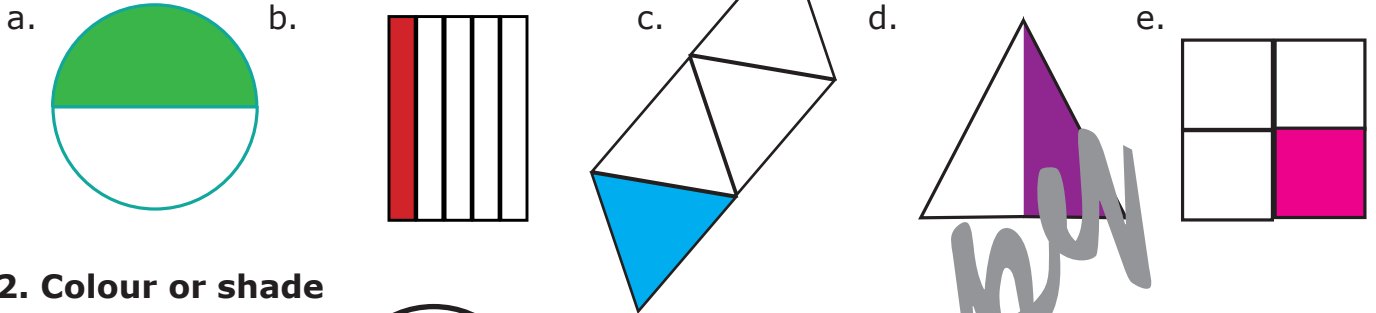
- | | | |
|---------------------------|--------------------------|--------------------------|
| 5a. $9 \times 2 =$ _____ | b. $7 \times 5 =$ _____ | c. $10 \times 3 =$ _____ |
| 6a. $14 \div 2 =$ _____ | b. $45 \div 5 =$ _____ | c. $80 \div 10 =$ _____ |
| 7a. $4 \times 4 =$ _____ | b. $7 \times 6 =$ _____ | c. $4 \times 8 =$ _____ |
| 8a. $14 \times 6 =$ _____ | b. $18 \times 3 =$ _____ | c. $13 \times 4 =$ _____ |
| 9a. $28 \div 4 =$ _____ | b. $35 \div 7 =$ _____ | c. $18 \div 3 =$ _____ |

Score:

/24

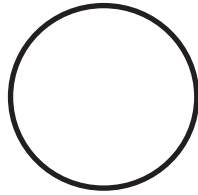
What do you know about fractions?

1. Put a \checkmark on the shapes that have one half coloured. Put a X on the shapes that have one quarter coloured.



2. Colour or shade

a. $\frac{1}{4}$ of the circle



b. $\frac{1}{3}$ of the square



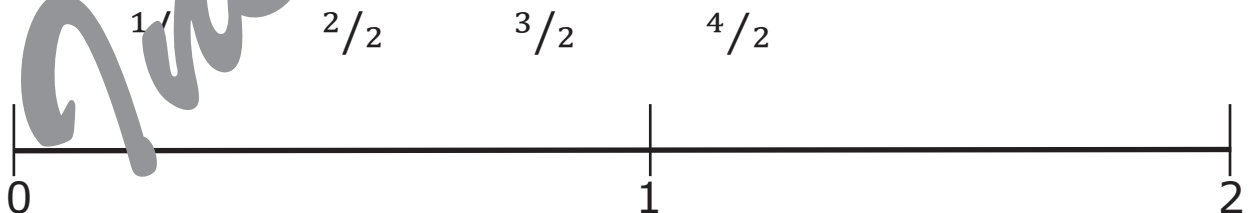
c. Write the fraction of the circle NOT coloured _____

d. Write the fraction of the square NOT coloured _____

3a. Colour $\frac{1}{4}$ of the counters 

b. Colour $\frac{1}{8}$ of the counters 

4. Write these fractions in their correct position on the number line.



5a. 3 shared between 2 is _____ 3 shared between 4 is _____

6a. $\frac{1}{3}$ of 12 is _____ b. $\frac{1}{5}$ of 20 is _____ c. $\frac{2}{7}$ of 21 is _____

d. $\frac{3}{5}$ of 30 is _____

Score: /20