

Name _____ Date _____

Handling Numbers – Entry Level revision

1. Put these numbers in order of size. Start with the smallest number.

- a. 17 53 35 86 24 71
-
- b. 150 105 303 334 330 530
-
- c. 3107 815 35 730 512 125
-

2. Put a circle round the number that has the value written in words.

- | | | | |
|-----------------|-----|------------------|------|
| a. seventy | 577 | d. one hundred | 125 |
| b. nine hundred | 997 | e. one | 511 |
| c. thirty | 39 | f. five thousand | 5121 |

3. Fill in the missing numbers in the sequences below

0	5		15	20		30	35	40		
0	10	20	30		50		70		90	
20	22		26	28			34			
210		190	180		160					
688		668				628				

4. Find the following quantities

- | | |
|---------------------|---------------------------------------|
| a. one half of 2 | f. one half of 100 |
| b. one third of 3 | g. one quarter of 8 |
| c. one quarter of 4 | h. one half of 60 (think of a clock!) |
| d. one half of 6 | i. one quarter of 100 |
| e. one half of 20 | j. one third of 12 |

Name _____ Date _____

Handling Numbers – Entry Level revision

5. Match the percentages below to the fractions in the box

25% 50% 75% 10%

$\frac{1}{10}$	$\frac{3}{4}$	$\frac{1}{4}$	$\frac{1}{2}$
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6. Complete the following calculations. You can do them by using a tables square or a 100 square– but not a calculator!

- | | |
|--------------------|--------------------|
| a. $10 \times 5 =$ | f. $2 \times 10 =$ |
| b. $3 \times 5 =$ | g. $4 \times 10 =$ |
| c. $8 \times 3 =$ | h. $3 \times 2 =$ |
| d. $4 \times 3 =$ | i. $6 \times 5 =$ |
| e. $7 \times 5 =$ | j. $9 \times 3 =$ |

7. Odd and even numbers

- Write down any two even numbers between 50 and 100.
- Write down all the odd numbers between 34 and 43.

8. Circle the fractions that are equivalent to:

one half

$\frac{1}{2}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{6}$	$\frac{5}{10}$	$\frac{2}{4}$	$\frac{2}{3}$	$\frac{3}{4}$
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one fifth

$\frac{5}{1}$	$\frac{2}{10}$	$\frac{1}{5}$	$\frac{2}{4}$	$\frac{1}{2}$	$\frac{10}{50}$
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one quarter

$\frac{1}{4}$	$\frac{1}{10}$	$\frac{2}{8}$	$\frac{3}{5}$	$\frac{25}{100}$	$\frac{2}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
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Name _____ Date _____

Handling Numbers – Entry Level revision

Entry 2-3 Adult Numeracy curriculum links

N1/E2.2 Read, write, order and compare numbers up to 100.

- (a) understand that the position of a digit signifies its value.
- (b) know what each digit in a two digit number represents, including the use of zero as a place holder.
- (c) recognise odd and even numbers up to 100.

N1/E3.1 Count, read, write, order and compare numbers up to 1000 in words and in figures

- (a) understand that the position of a digit signifies its value.
- (b) know what each digit in a three digit number represents, including the use of zero as a place holder.
- (c) recognise odd and even numbers
- (d) count on or back in 10's or 100's starting from any two-digit or three-digit number, up to 1000

N2/E2.2 Find halves and quarters of small numbers of items or shapes

- (a) understand the connection between a half of and share (or divide) into two equal groups or parts
- (b) understand the connection between a quarter of and share (or divide) into four equal groups or parts
- (c) know halves of even numbers to 20

N1/E3.5 Recall multiplication facts, for example multiples of 2, 3, 4, 5, 10.

- (a) recognise two-digit and three-digit multiples of 2, 5 or 10 and three-digit multiples of 50 and 100
- (b) understand how the distributive law can be used in multiplication (the concept, not the terminology)
- (c) understand that there are different strategies for multiplying

N2/E3.2 Recognise and use equivalent forms

- (a) understand that equivalent fractions look different but have the same value (e.g. $5/10 = 1/2$)
- (b) understand that when the top and the bottom number of a fraction are the same, this is equivalent to 1
- (c) Understand common simple percentages in familiar context, e.g. 25% and 50%
- (d) Understand common fraction/decimal/percentage equivalencies, e.g. $1/2$ and $1/4$ are equivalent to 50% and 25% respectively

N2/E3.6 Find $1/2$, $1/3$, $1/4$, $1/5$ and $1/10$ of appropriate multiples of items or shapes (e.g. $1/2$ of 32, $1/3$ of 21)

- (a) Understand that the numerator is always one in a unit fraction
- (b) Understand that the denominator tells you how many parts into which to divide the items
- (c) Understand the connection between unit fractions and the denominator when finding fractional parts

Name _____ Date _____

Handling Numbers – Entry Level revision

Answers

1. Put these numbers in order of size starting with the lowest.

- a. 17 24 35 53 71 86
 b. 105 150 303 330 334 530
 c. 35 125 512 730 815 3107

2. Put a circle round the number that has the value written in words.

- a. seventy 5 **7** 7 d. one hundred **1** 2 5
 b. nine hundred **9** 9 7 e. one 5 1 **1**
 c. thirty **3** 9 f. five thousand **5** 1 2 1

3. Fill in the missing numbers in the sequences below

Add on 5

0	5	10	15	20	25	30	35	40	45	50
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Add on 10

0	10	20	30	40	50	60	70	80	90	100
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Add on 2

20	22	24	26	28	30	32	34	36	38	40
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Subtract 10

210	200	190	180	170	160	150	140	130	120	110
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Subtract 10

688	678	668	658	648	638	628	618	608	598	588
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4. Find the following quantities

- a. one half of 2 **1** f. one half of 100 **50**
 b. one third of 3 **1** g. one quarter of 8 **2**
 c. one quarter of 4 **1** h. one half of 60 (think of a clock!) **30**
 d. one half of 6 **3** i. one quarter of 100 **25**
 e. one half of 20 **10** j. one third of 12 **4**

Name _____ Date _____

Handling Numbers – Entry Level revision

5. Match the percentages below to the fractions in the box

$\frac{1}{10}$ 10%	$\frac{3}{4}$ 75%	$\frac{1}{4}$ 25%	$\frac{1}{2}$ 50%
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6. Complete the following calculations. You can do them by using a tables square or a 100 square – but not a calculator!

a. $10 \times 5 = 50$

f. $2 \times 10 = 20$

b. $3 \times 5 = 15$

g. $4 \times 10 = 40$

c. $8 \times 3 = 24$

h. $3 \times 2 = 6$

d. $4 \times 3 = 12$

i. $6 \times 5 = 30$

e. $7 \times 5 = 35$

j. $9 \times 3 = 27$

7. Odd and even numbers

c. Write down any two even numbers between 50 and 100.

d. Write down all the odd numbers between 34 and 43.

8. Circle the fractions that are equivalent to:

one half

$\frac{1}{2}$	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{3}{6}$	$\frac{5}{10}$	$\frac{2}{4}$	$\frac{2}{3}$	$\frac{3}{4}$
---------------	----------------	---------------	---------------	----------------	---------------	---------------	---------------

one fifth

$\frac{5}{1}$	$\frac{2}{10}$	$\frac{1}{5}$	$\frac{2}{4}$	$\frac{1}{2}$	$\frac{10}{50}$
---------------	----------------	---------------	---------------	---------------	-----------------

one quarter

$\frac{1}{4}$	$\frac{1}{10}$	$\frac{2}{8}$	$\frac{3}{5}$	$\frac{25}{100}$	$\frac{2}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
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