

ST. PATRICK'S GIRLS NATIONAL SCHOOL
GARDINER'S HILL, CORK

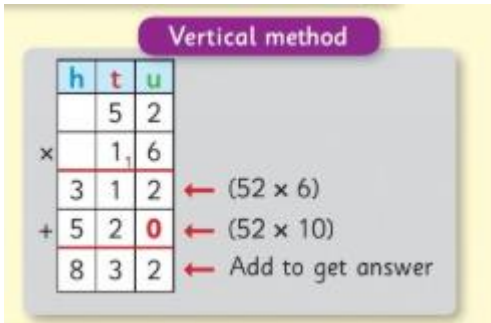
June Week beginning 01/06

Subject: **MATHS GROUP**

Ms. O Sullivan and Ms. Browne 5th class

SEN Teachers: Ms. Daly

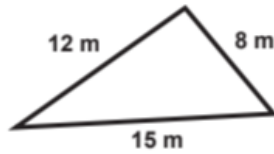
Work below is to be carried out over a week. Uncompleted work can carry on to the following week.

week 10 01/06	<p><u>Multiplication</u></p> <p>Revise multiplication facts each day for at least 10 minutes. This link has a variety of games to play to help revise.</p> <p>https://www.scoilnet.ie/learning-path/ref/15176/</p> <p>https://www.topmarks.co.uk/maths-games/hit-the-button</p> <p>Multiplication quiz: Try to beat your score from last week!</p> <p>https://kahoot.it/challenge/08606628?challenge-id=14ffbc44-9b67-4543-94db-0d66db5af18b_1589450006951</p> <p>Worksheet 2 Revision of Long multiplication</p> 	<p>Perimeter</p> <p><i>Watch the videos to continue learning about perimeter</i></p> <p>https://www.mathantics.com/lesson/perimeter/exercises_video</p> <p>Worksheet 1 Perimeter</p>
		<p>Place Value</p> <p>Click on the link to learn about reading large numbers.</p> <p>https://youtu.be/pcLng8oW9OE</p> <p>Worksheet 2 Reading large numbers</p>

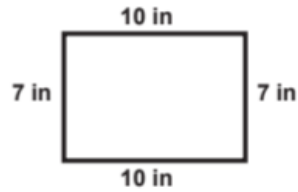
WORKSHEET 1 Perimeter

Perimeter

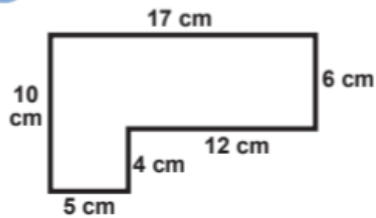
- 1 Find the perimeter of this triangle.



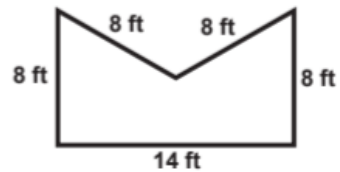
- 2 Find the perimeter of this rectangle.



- 3 Find the perimeter of this polygon.



- 4 Find the perimeter of this polygon.



- 5 Find the perimeter of this **regular** pentagon.

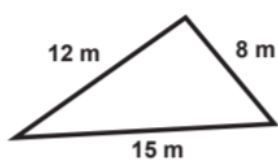


- 6 Find the perimeter of this **regular** octagon.



Perimeter

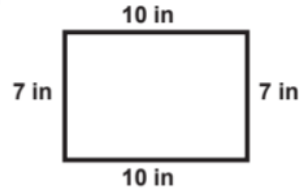
- 1** Find the perimeter of this triangle.



$$\begin{array}{r} 15 \\ 12 \\ + 8 \\ \hline 35 \end{array}$$

$P = 35 \text{ m}$

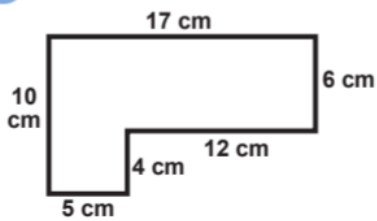
- 2** Find the perimeter of this rectangle.



$$\begin{array}{r} 10 + 10 = 20 \\ 7 + 7 = 14 \\ \hline 20 \\ + 14 \\ \hline 34 \end{array}$$

$P = 34 \text{ in}$

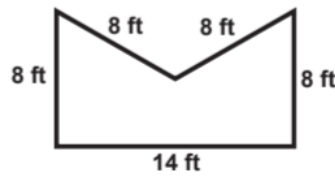
- 3** Find the perimeter of this polygon.



$$\begin{array}{r} 17 \\ 12 \\ 10 \\ 6 \\ 4 \\ + 5 \\ \hline 54 \end{array}$$

$P = 54 \text{ cm}$

- 4** Find the perimeter of this polygon.



$$\begin{array}{r} 4 \times 8 = 32 \\ 32 \\ + 14 \\ \hline 46 \end{array}$$

$P = 46 \text{ ft}$

- 5** Find the perimeter of this **regular** pentagon.



5 equal sides
12 km per side
 $5 \times 12 = 60$

$P = 60 \text{ km}$

- 6** Find the perimeter of this **regular** octagon.



8 equal sides
3 inches per side
 $3 \times 8 = 24$

$P = 24 \text{ in}$

WORKSHEET 2 LONG MULTIPLICATION
(Use your calculator to check the answers)

- Start with the 96×3 , remember to carry the tens
- Write down '0' on the second line- while you are multiplying by 9, this '0' means you are really multiplying by 90

$$\begin{array}{r} 96 \\ \times 93 \\ \hline 288 \rightarrow (96 \times 3) \\ + 8140 \rightarrow (96 \times 90) \\ \hline 8428 \end{array}$$

Solve each problem.

- 1) Gwen has thirty-seven albums of photos uploaded to facebook. If each album has forty pics in it, how many pics does she have total?
- 2) A library checks out ninety-six books each day. How many books would they have checked out after ninety-three days?
- 3) There are seventy-nine plates in a box. If a restaurant bought fifty-seven boxes, how many plates would they have total?
- 4) Sarah was practicing drawing super heroes. Each day she drew thirty-four pictures. How many pictures would she have drawn after thirty-five days?
- 5) An airplane compartment can hold thirty-six pieces of luggage. If a small plane had sixteen compartments, how many pieces of luggage could they hold?

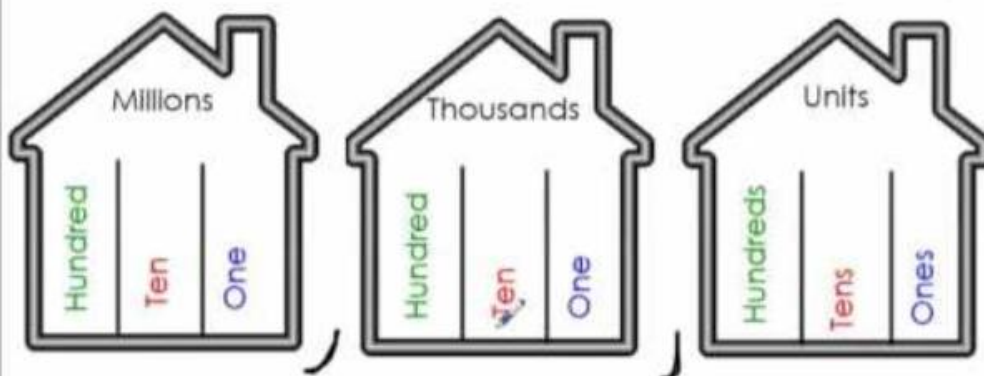
ANSWERS WORKSHEET 2

Answers

1. 1,480
2. 8,928
3. 4,503
4. 1,190
5. 576

Worksheet 3 Reading large numbers

Think of place values as house in a neighborhood



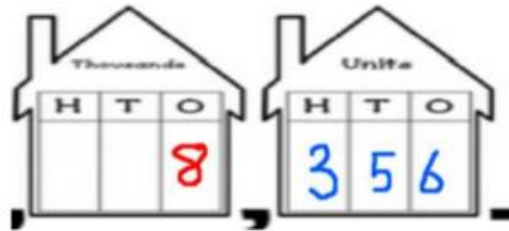
And each place value in the house has its own room

There are rules for reading numbers

- We read this as:
3 hundred and 56



- We read this as:
8 thousand, 3 hundred and 56



READING THOUSANDS (7-digit numbers)

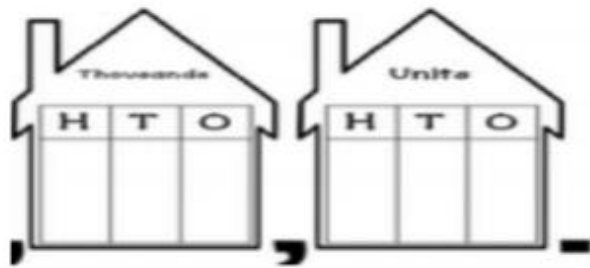
- First, read the thousands house:
68 thousand
- Then the units house:
3 hundred and 56
- Altogether it reads as:
68 thousand, 3 hundred and 56



RULES FOR READING THOUSANDS:

7- digit numbers

- First, read the thousands house:
_____ thousand
- Then the units house:
____ hundred and ____
- Altogether it reads as:
____ thousand, ____ hundred and ____



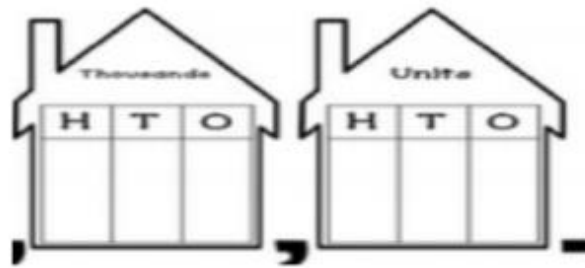
TRY THESE:

- 54,789
- 39,123
- 14,312

ANSWERS:

- 54,789
- 39,123
- 14,312

- 54 thousand, 7 hundred **and** 89
- 39 thousand, 1 hundred **and** 23
- 14 thousand, 3 hundred **and** 12



READING THOUSANDS when there is a Zero

First read the thousands house :

78 thousand

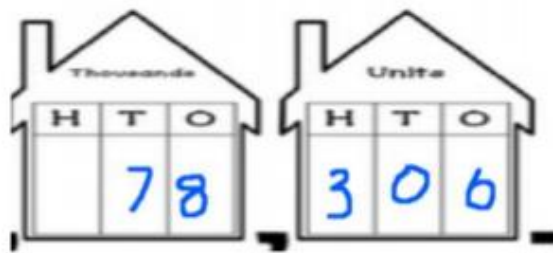
Then the units house:

3 hundred **and** 6

Altogether it reads as:

78 thousand, 3 **hundred and** 6

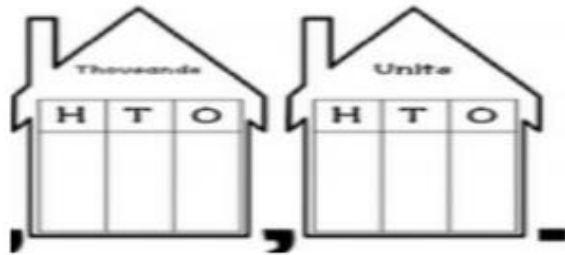
NOTICE: There are no tens in the units house,
the zero is acting as a place holder!



RULES FOR READING THOUSANDS:

7- digit numbers

- First, read the thousands house:
_____ thousand
- Then the **units** house:



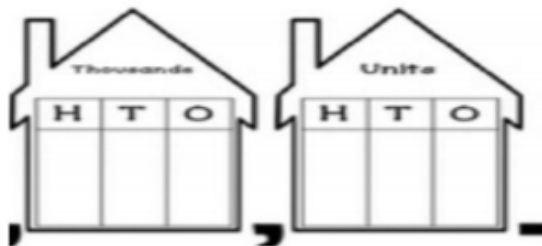
TRY THESE:

34,056
40,120
22,401

ANSWERS

7- digit numbers

34,056
40,120
22,401



- 34 thousand **and** 56
- 40 thousand, 1 hundred **and** 20
- 22 thousand, 4 hundred **and** 1

BONUS TASK

- Write down all the 7-digit numbers so far and put them in order from smallest to biggest!

READING THOUSANDS (8-digit numbers)

Read the thousands house first:

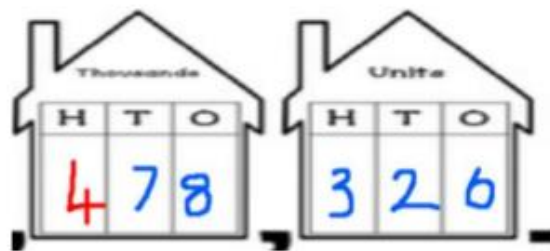
4 hundred **and** 78 thousand

Then the units house:

3 hundred **and** 26

Altogether it reads as:

4 hundred **and** 78 thousand, 3 hundred **and** 26



READING THOUSANDS (8-digit numbers)

Read the thousands house first:

3 hundred **and** 4 thousand

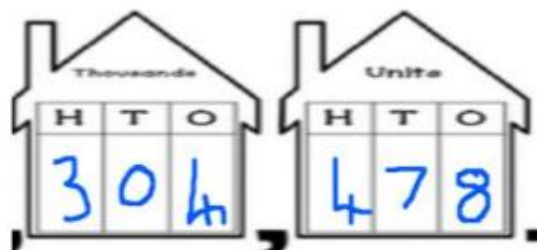
NOTICE: There are no tens in the thousands house, the zero is acting as a place holder!

Then the units house:

4 hundred **and** 78

Altogether it reads as:

3 hundred **and** 4 thousand, 4 hundred **and** 78



READING THOUSANDS (8-digit numbers)

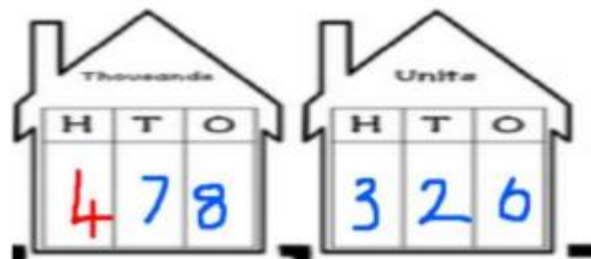
TRY THESE:

513,678

423,458

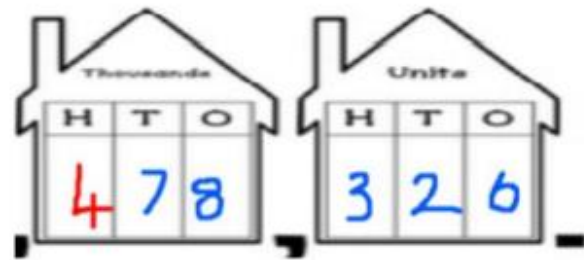
708,411

504,802



ANSWERS

- 5 hundred and 13 thousand, 6 hundred and 78
- 4 hundred and 23 thousand, 4 hundred and 58
- 7 hundred and 8 thousand, 4 hundred and 11
- 5 hundred and 4 thousand, 8 hundred and 2.



513,678
423,458
708,411
504,802

Bonus task

- Write down all the 8-digit numbers so far and put them in order from smallest to biggest!