Unit 3 Week 6 Maths
Thursday Simmering

Choose one section for your simmering then one section for your main activity.
If you fancy a challenge do try the next level

*

$80 - 68$

$4 \times 9 = 12 \times \square$

City	9am	3pm
Cardiff	6°C	19°C
Newport	5°C	21°C
Swansea	4°C	22°C
Bangor	5°C	18°C

Which city had the warmest temperature at 3pm?

Which city had the coldest temperature at 3pm?

Which two cities had the same temperature at 9am?

Nikki buys a drink in a shop.
She pays with a £2 coin.
This is her change.

How much was the drink?

**

$603 - 157$

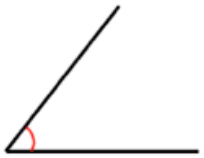
$115 \div 5$

Here is an angle.

Circle what type of angle it is.

Reflex Obtuse

Right Acute



Write in the missing numbers

$$\begin{array}{r} 3\square 9 \\ +\ \square 3\square \\ \hline 5\ 7\ 2 \end{array}$$

Hannah has £900.

She spends $\frac{1}{3}$ on books and $\frac{2}{5}$ on presents

How much money does Hannah have left?

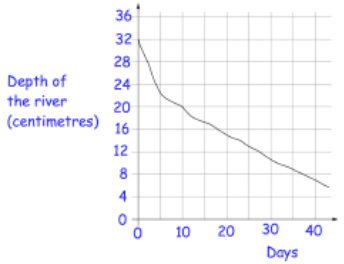
***

$0.6 \div 10$

$\frac{2}{5} + \frac{3}{10}$

Write the number that is four less than one million in figures

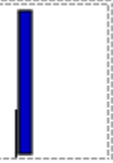
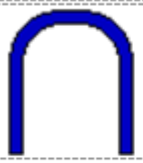
This graph shows the depth of a river during the summer



What is the depth of the river after 15 days?

How long does it take the river to go from a depth of 32cm to 15cm?

* LO: To solve problems using the Egyptian number system

						
1	10	100	1000	10000	100000	1000000

Ancient Egyptian Numbers

Change the following numbers from English to ancient Egyptian symbols using the guide above. The first one is done for you:

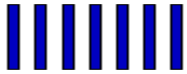
1. 2 =
2. 7 = ?
3. 12 = ?
4. 47 = ?
5. 204 = ?
6. 1410 = ?

Change the following numbers from ancient Egyptian symbols to English using the guide above (identify how much the symbol is worth and count how many of the symbol you have). The first one is done for you:

7. = 5
8. = ?
9. = ?
10. = ?
11. = ?
12. = ?

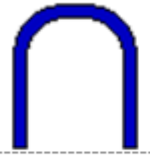
Try A Challenge

If you have completed the tasks above, try these addition sums using ancient Egyptian symbols for your answers. The first one has been done for you:

Example 3 + 4 = 7 

1. 7 + 2 = ?
2. 9 + 3 = ?
3. 20 + 2 = ?
4. 50 + 50 = ?

** LO: To solve problems using the Egyptian number system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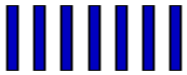
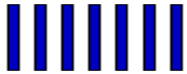
Change the following numbers from **English to ancient Egyptian symbols** using the guide above. The first one is done for you:

1. 7 = 
2. 13 = ?
3. 24 = ?
4. 102 = ?
5. 320 = ?
6. 4752 = ?

We are now moving on to addition using the guide above. In the first set, add the two English numbers together and **give your answer as an ancient Egyptian symbol**. The first one is done for you:

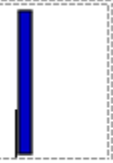
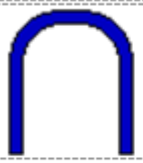
7. 3 + 4 = 7 
8. 8 + 5 = ?
9. 20 + 7 = ?
10. 100 + 50 = ?
11. 1000 + 400 = ?
12. 2000 + 21 = ?

Try A Challenge

In the second set, **add the English number and the ancient Egyptian symbol together** and **give your answer in English** (It may help to write the whole calculation in English first). The first one is done for you:

1. 10 + = 20
2. 100 + = ?
3. 600 + = ?
4. 1000 + = ?
5. 1000 + = ?
6. 10,000 + = ?

*** LO: To solve problems using the Egyptian number system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Ancient Egyptian Numbers

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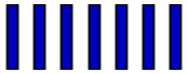
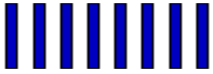
1. 7 = 
2. 13 = ?
3. 223 = ?
4. 1025 = ?
5. 10,320 = ?
6. 200,103 = ?

We are now moving on to multiplication using the guide above. In the first set, multiply the two English numbers together and **give your answer as an ancient Egyptian symbol**. The first one is done for you:

7. 2 x 4 = 8 
8. 10 x 5 = ?
9. 5 x 5 = ?
10. 7 x 7 = ?
11. 700 x 10 = ?
12. 2536 x 10 = ?

Try A Challenge

In the second set, **multiply the English number and the ancient Egyptian symbol together** and **give your answer in English** (It may help to write the whole calculation in English first). The first one is done for you:

1. 10 x = 100
2. 100 x = ?
3. 7 x = ?
4. 1000 x = ?
5. 7 x = ?
6. 3 x = ?

Answers

*

$80 - 68$

12

$4 \times 9 = 12 \times \square$

36 = 12 x ___
36 = 12 x 3

City	9am	3pm
Cardiff	6°C	19°C
Newport	5°C	21°C
Swansea	4°C	22°C
Bangor	5°C	18°C

Which city had the warmest temperature at 3pm?

Swansea

Which city had the coldest temperature at 3pm?

Bangor

Which two cities had the same temperature at 9am?

Newport and Bangor

Nikki buys a drink in a shop.
She pays with a £2 coin.
This is her change.

How much was the drink?

~~12~~ ~~1~~0 0 p
6 0 p –
1 4 0 p

**

$603 - 157$

~~5~~ ~~6~~ ~~9~~ ~~0~~ 13
1 5 7 –
4 4 6

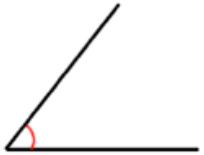
$115 \div 5$

0 2 3
5 ~~1~~1 ~~1~~1 ~~1~~5

Here is an angle.

Circle what type of angle it is.

acute



Write in the missing numbers

3 3 9
+ 2 3 3
5 7 2
1

Hannah has £900.

She spends $\frac{1}{3}$ on books and $\frac{2}{5}$ on presents

How much money does Hannah have left?

£900 ÷ 3 = £300
2 of £900 =
5
1 of £900 = £180
5
2 lots of 1 = £180 x 2
5
= £360

***

$0.6 \div 10$

T O . Tth Hth
0 . 6
0 . 0 6
Move one place right (make smaller)

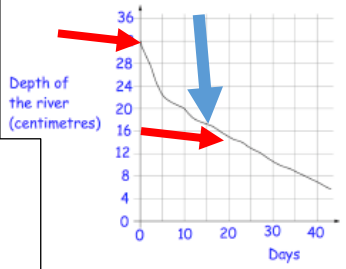
$\frac{2}{5} + \frac{3}{10}$

2 + 3
5 10
Change denominator 5
So denominator same
2 x 2 = 4
5 x 2 10

Write the number that is four less than one million in figures

1,000,000 (million)
999,996

This graph shows the depth of a river during the summer



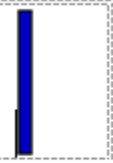
What is the depth of the river after 15 days?

17 cm

How long does it take the river to go from a depth of 32cm to 15cm?

20 days

* LO: To solve problems using the Egyptian number system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guide above (identify how m
symbol you have). The first

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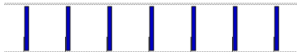
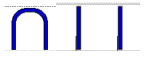
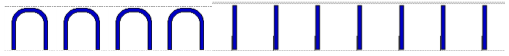
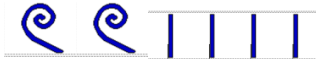
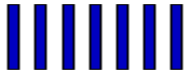
8. = ?
9. = ?
10. = ?
11. = ?
12. = ?

2. 
3. 
4. 
5. 
6.
7. 5
8. 7
9. 15
10. 17
11. 1111
12. 2221

Try A Challenge

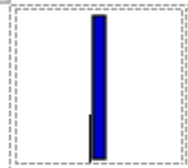
If you have completed the tasks above, try these addition sums using ancient Egyptian symbols for your answers. The first one has been done for you:

Example 3 + 4 = 7 

1. 7 + 2 = ?
2. 9 + 3 = ?
3. 20 + 2 = ?
4. 50 + 50 = ?

1. 9
2. 11
3. 22
4. 100

** LO: To solve problems using the Egyptian number system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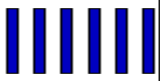
1. 7 = 
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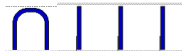
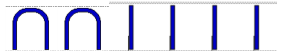
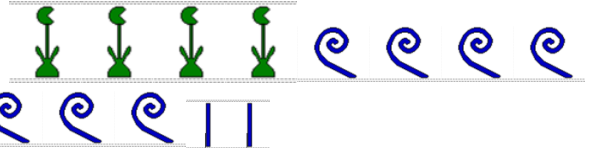
2. 

3. 

4.

5.

6. 

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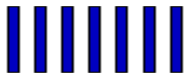
7. 3 + 4 = 7 
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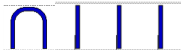
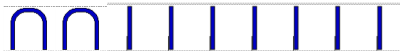
10. 100 + 50 = ?
11. 1000 + 400 = ?
12. 2000 + 21 = ?

8. 13 

9. 27 

10 150

11. 1400

12. 2021

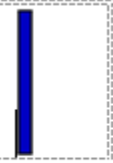
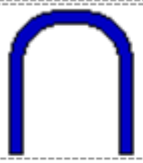
Try A Challenge

In the second set, **add the English number and the ancient Egyptian symbol together** and **give your answer in English** (It may help to write the whole calculation in English first). The first one is done for you:

7. 10 + = 20
8. 100 + = ?
9. 600 + = ?
10. 1000 + = ?
11. 1000 + = ?
12. 10,000 + = ?

8. 1500
9. 15
10. 630
11. 1111
12. 2000
13. 11000

*** LO: To solve problems using the Egyptian number system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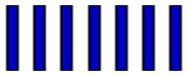
1. 7 = 
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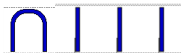
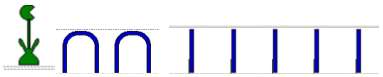
6. 200,103 = ?

2 

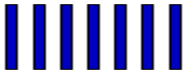
3

4 

5

6

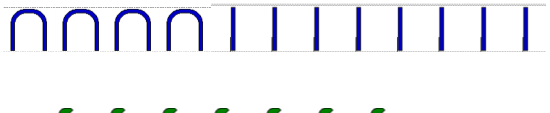
We are now moving on to multipl
first set, multiply the two Englis
answer as an ancient Egyptian



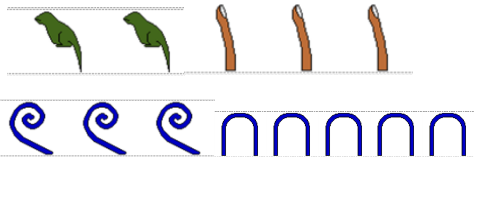
7. 2 x 4 = 8
8. 10 x 5 = ?
9. 5 x 5 = ?
10. 7 x 7 = ?
11. 700 x 10 = ?
12. 2536 x 10 = ?

8 50

9 25

10 49 

11 7000

12 25360 

Try A Challenge

In the second set, **multiply the English number and the ancient Egyptian symbol together** and **give your answer in English** (It may help to write the whole calculation in English first). The first one is done for you:

7. 10 x = 100
8. 100 x = ?
9. 7 x = ?
10. 1000 x = ?
11. 7 x = ?
12. 3 x = ?

7 10
8 1500
9 140
10 110000
11 70000
12 3000000