Name: _____

Class: Yr 4 _____

Topic: Factors (Continue from last week topic)

Use the **Long Division** to check for factors.

Example 1	Example 2
Is 4 a factor of 32? 8 4) 3 2 - 3 2 0 32 can be divided exactly by 4. So, 4 is a factor of 32. ***There is no remainder.*** So, 8 is also a factor of 32.	Is 3 a factor of 32? 1 0 3) 3 2 - 3 0 2 - 0 2 32 cannot be divided exactly by 3. So, 3 is **not** a factor of 32. ***There is a remainder.*** So, 10 is also not a factor of 32.

Exercise 2:

Check for factors using division.

(a) Is 5 a factor of 65? ☐

☐ ☐
5) 6 5
- ☐
☐ ☐
- ☐ ☐
☐

(b) Is 7 a factor of 46? ☐

☐
7) 4 6
- ☐ ☐
☐

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(c) Is 6 a factor of 74? ☐

```
   □□
6 | 7 4
- □
  ----
   □□
- □□
  ----
     □
```

(d) Is 3 a factor of 57? ☐

```
   □□
3 | 5 7
- □
  ----
   □□
- □□
  ----
     □
```

Exercise 3.

Look at the ***ones*** digits of **80, 27, 40, 62, 36** and **55**.

a) Write down all the numbers which have 2 as a factor. _____

b) Write down all the numbers which have 5 as a factor. _____

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