1. Can you spell the words *multiple, factor* and *digit* ? Ask someone to test you.

2. How many digits have these numbers?

   12, 3 843, 143, 9 000 000

3. If one number divides exactly into another with no remainder, we say the second number is a **multiple** of the first number.

   E.g. **6** divides exactly into **12**, therefore **12** is a multiple of **6**.
         5 divides exactly into **45**, therefore **45** is a multiple of **5**.

   Which of these statements are true and which are false?

   a) **16** is a multiple of **4**
   c) **15** is a multiple of **2**
   e) **25** is a multiple of **5**
   g) **40** is a multiple of **4** and **10**
   i) **35** is a multiple of **7** and **6**
   k) **28** is a multiple of **2, 4, 7** and **14**

   b) **42** is a multiple of **7**
   d) **100** is a multiple of **3**
   f) **24** is a multiple of **17**
   h) **27** is a multiple of **3** and **9**
   j) **30** is a multiple of **4**

4. If one number divides exactly into another with no remainder, we say the first number is a **factor** of the second number.

   E.g. **7** divides exactly into **14**, therefore **7** is a factor of **14**.
         3 divides exactly into **21**, therefore **3** is a factor of **21**.

   Which of these statements are true and which are false?

   a) **6** is a factor of **42**
   c) **3** is a factor of **27**
   e) **8** is a factor of **54**
   g) **2** and **5** are factors of **10**
   i) **8** and **5** are factors of **80**
   k) **1**, **3** and **8** are factors of **48**

   b) **6** is a factor of **72**
   d) **10** is a factor of **34**
   f) **9** is a factor of **90**
   h) **12** and **7** are factors of **72**
   j) **2** and **4** are factors of **4**

5. Write down three multiples of **7** smaller than **50.**