Monday – Writing decimals

1. Write the decimal number for each of the following representations.

A.

0.6   2.02

B.

Ones	•	Tenths	Hundredths

C.

1.07   0.3
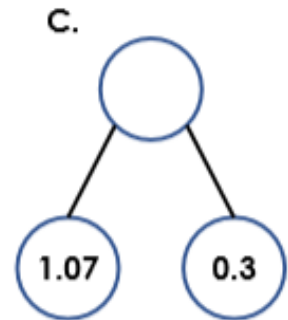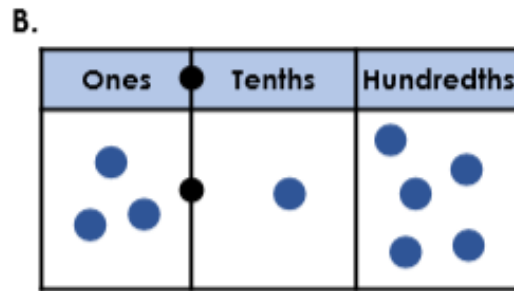
D. Four ones, six tenths and one hundredth.

E. Five tenths and three hundredths.

2. Match each statement to the correct number.

Joe: My number has 3 tenths.

Jane: My number is greater than Joe's and has 4 tenths.
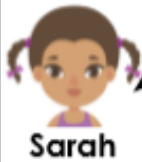
Sarah: My number is greater than all the other numbers.

Ivan: My number has the same amount of tenths as hundredths.

1.42   1.47   1.34   1.44

Joe =   Jane =   Sarah =   Ivan =

3. Use the clues and the place value chart to write 5 possible decimal numbers.

Ones	•	Tenths	Hundredths

There are 4 tenths.

There are more ones than tenths.

The hundredths are a multiple of 3.

1. ☐.☐☐   2. ☐.☐☐   3. ☐.☐☐   4. ☐.☐☐   5. ☐.☐☐

Tuesday – Compare decimals

1. Match each statement to the number it describes.

A. This number is less than 1.2 and more than 1.06.

B. This number is equal to 1 one, 1 tenth and 3 hundredths.

C. This number is greater than 1.42 and less than 1.6.

D. This number is greater than 0.08 and less than 0.1

E. This number is less than 1.06 and greater than 0.87

| 0.09 |
| 1.55 |
| 1 |
| 1.13 |
| 1.12 |

2. Use each digit card once to complete the statements below.

2 . 5 7 > 2 . ☐ 6

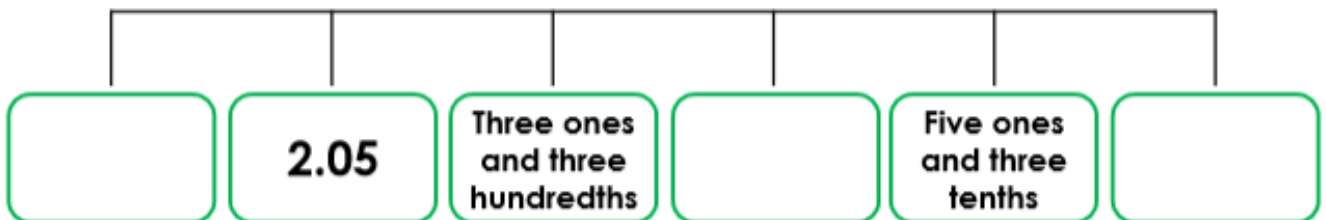1 . ☐ 8 < 1 . 2

☐ . 7 = 3 . 7 ☐

1 . 2 ☐ > 1 . 2 4

Digit cards: 5 0 1 3 4

3. Draw 6 counters on the place value chart to create a number that completes the following statement. Write your answer as a decimal.

1.31 <

Ones		Tenths	Hundredths

< 1.56

☐ . ☐ ☐

Wednesday – Order decimals

1. Complete the ascending number line below using an appropriate decimal number.

| | 2.05 | Three ones and three hundredths | | Five ones and three tenths | |

Write all the numbers as decimals.

2. Order the heights of the aliens below in descending order.

| | | | | | |

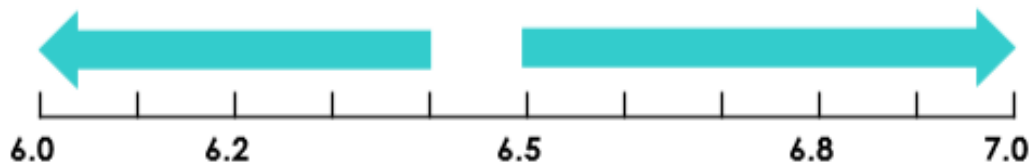| 5.04cm | 9.82cm | 1.76cm | 6.07cm | 2.6cm | 0.85cm |

3. Kim has been ordering the heights of her friends.

Lilian   Adnan   Harry   Jerry   Amirah   Nick

1.01m < 121cm < 1.32m < 1.08m < 1.39m < 140cm

Is Kim correct? Explain your answer.

**1. Round these decimals to the nearest whole number.**

| 6.0 | 6.2 | 6.5 | 6.8 | 7.0 |

6.7 ⟹	6.4 ⟹	6.3 ⟹
6.1 ⟹	6.9 ⟹	6.5 ⟹
6.6 ⟹	6.2 ⟹	6.8 ⟹

2. The decimal numbers have been rounded correctly. True or false?

	True or false?
7.1 rounded to the nearest whole number is 7.0	
8.9 rounded to the nearest whole number is 8.0	
6.5 rounded to the nearest whole number is 6.0	
5.4 rounded to the nearest whole number is 5.0	
4.3 rounded to the nearest whole number is 4.5	
3.2 rounded to the nearest whole number is 3.0	

3. Choose the correct height for each alien. Explain your answer.

4.7m	5.1m	5.2m	4.9m	4.6m
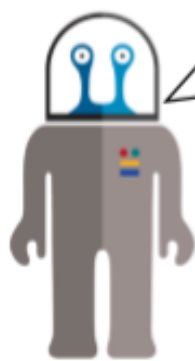
My height rounds up to 5m. The tenths digit is odd. The total of the digits is 11.

Zog

My height also rounds up to 5m but I am taller than Zog.

Oola