

The pupils in Class 3 at Monster High are all different heights.

| Warp                                                                              | Bugz                                                                              | Grue                                                                              | Blob                                                                              | Fuzz                                                                                | Grin                                                                                |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |
| 1.1m                                                                              | 2.1m                                                                              | 1.9m                                                                              | 0.9m                                                                              | 0.6m                                                                                | 1.6m                                                                                |

Complete the statements by writing < or > in each box.

0.6m  1.1m      1.1m  0.9m      1.9m  0.6m  
 2.1m  1.9m      1.6m  2.1m      0.9m  1.6m

Use the clues to work out who's who and write the correct name of each monster in the boxes above. Think about which clues are the most useful starting points.

- Blob is shorter than Grin.
- Grin's height has a 6 in the tenths column.
- Bugz is the tallest.
- Grue is taller than Grin.
- Warp is exactly 1m shorter than Bugz.
- Fuzz is shorter than everyone.

Class 4 at Monster High have measured themselves more accurately.

| Fizz                                                                                | Tangle                                                                              | Croc                                                                                | Ooze                                                                                | Glob                                                                                  | Octo                                                                                  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |
| 2.18m                                                                               | 1.50m                                                                               | 1.05m                                                                               | 1.76m                                                                               | 1.18m                                                                                 | 1.97m                                                                                 |

Complete the statements by writing < or > in each box.

1.97m  1.32m      1.50m  1.76m      1.50m  1.05m  
 1.18m  1.05m      1.97m  1.18m      1.76m  1.32m

Use the clues to work out who's who and write the correct name of each monster in the boxes above. Think about which clues are the most useful starting points.

- Croc is the shortest.
- Ooze's height has a 7 in the tenths column.
- Octo's height has a 7 in the hundredths column.
- Fizz is 1m taller than Glob.
- Ooze is taller than Tangle.

- 1) Noah has written 2.17 and 2.5 in the wrong order. 2.17 only has one tenth, whereas 2.5 has five tenths so this is the larger number and should come before 2.17 in descending order.



- 2) b)  $\overleftarrow{7.28 \quad 7.2 \quad 7.19 \quad 7.32 \quad 7.1}$   
c)  $\overleftarrow{10.03 \quad 10.3 \quad 10.35 \quad 10.45 \quad 10.25}$   
d)  $\overleftarrow{11.08 \quad 10.97 \quad 10.75 \quad 10.6 \quad 10.66}$

- 3) If the ones digits are all the same, Lydia needs to look at the tenths digit first. If they are all different, then order the numbers by these digits. If some of the tenths digits are the same, then you would look at the hundredths digit. In this set, all of the tenths digits are different.

Correct order is: 4.18 4.4 4.56 4.7