Comparing Decimals

1. **Which is greater?**

   (a) 0.5 or 0.8 ☐

   (b) 2.087 or 2.078 ☐

   (c) 27.841 or 17.841 ☐

   (d) 17.602 or 17.062 ☐

2. **Which is smaller?**

   (a) 0.8 or 0.008 ☐

   (b) 0.09 or 0.03 ☐

   (c) 0.007 or 0.17 ☐

   (d) 2.34 or 2.3 ☐

3. **Which of these groups of decimals are like and why?**

   (a) 1.732, 2.752, 11.310 ☐

   (b) 1.57, 57.1, 37.57 ☐

   (c) 30.7, 16.4, 8.9 ☐

   (d) 71.346, 1.30, 32.55 ☐

4. **Convert all the decimals in a group into like decimals.**

   (i) 3.722, 14.57, 150.8 _____

   (ii) 4.85, 60.6, 3.8 _____

   (iii) 7.9, 32.68, 43.895 _____

5. **Arrange the following decimals in ascending order.**

   (i)   11.51, 13.16, 21.163, 18.338 _____

   (ii) 14.315, 14.135, 19.315, 14.341 _____

   (iii) 715.12, 684.78, 68.478, 71.512 _____

   (iv) 3.17, 3.7, 4.2, 3.912 _____

   (v)   4.04, 4.404, 4.444, 0.444, 4.44 _____

   (vi) 6.43, 3.78, 4.061, 3.97, 0.02, 0.079 _____

6. **Arrange the following in descending order.**

   (i)   2.78, 0.389, 7.01, 1.528   _____

   (ii)   12.584, 12.548, 13.560, 12.868   _____

   (iii) 189.3, 169.33, 819.28, 918.82   _____

   (iv)   4.62, 4.610, 4.63, 4.06   _____

   (v)   4.65, 7.39, 6.042, 9.37, 0.007, 0.098   _____

   (vi)   0.389, 1.528, 7.01, 2.78, 2.807   _____