Looking at the table we can see that:

the 6 is worth	6000
the 2 is worth	200
the 8 is worth	80
the 7 is worth	7
the 3 is worth	0.3 or $\frac{3}{10}$
the 5 is worth	0.05 or $\frac{5}{100}$

EXERCISE 1.1A

1 What is the value of the 3 in the following numbers?
a) 37 **b)** 389 **c)** 2873 **d)** 6.13

2 What is the value of the 8 in the following numbers?
a) 0.8 **b)** 6.38 **c)** 0.048 **d)** 184 000

3 What is the value of the 5 in the following numbers?
a) 573 **b)** 8596 **c)** 0.54 **d)** 3.85

4 What is the value of the 1 in the following numbers?
a) 18 300 **b)** 0.71 **c)** 401 **d)** 0.041

5 Put the following sets of numbers in order, with the largest first.
a) 4.5, 7.2, 11, 0.9, 2.08, 0.07
b) 0.08, 0.008, 8, 80, 0.8
c) 4.6, 7.2, 6.7, 7.66, 4.07, 7.34
d) 0.1, 0.12, 0.09, 0.19, 0.92, 1.2
e) 1.12, 2.11, 3.1, 1.3, 2.13, 1.33, 3

6 Put the following sets of numbers in order, with the largest first.
a) 12.5, 7.67, 1, 3.59, 2.668, 0.097
b) 0.043, 0.009, 7.48, 8, 0.09, 20.8
c) 14.6, 25.2, 6.97, 7.0, 9.97, 7.34, 6.098
d) 0.31, 0.312, 0.309, 0.319, 0.392, 3.2
e) 0.512, 2.51, 0.1, 1.13, 1.113, 1.33, 1.433

7 Put the following sets of numbers in order, with the largest first.
a) 14.5, 372, 31, 10.9, 12.08, 10.07
b) 0.308, 0.3008, 3.8, 8, 0.88, 0.898
c) 74.6, 77.2, 76.7, 77.66, 74.07, 77.34
d) 0.91, 0.12, 0.909, 0.919, 0.992, 1.92
e) 31.12, 62.11, 33.81, 101.3, 52.13, 18.33, 3.98

8 Put the following sets of quantities in order, with the largest first.
a) 3 cm, 1.3 cm, 5.3 cm, 3.5 cm, 5.6 cm, 2.55 cm
b) 5 g, 6.4 g, 3.4 g, 8.75 g, 5.5 g, 0.9 g, 4.25 g
c) 30 cm, 0.4 m, 8.9 m, 2 m, 0.1 m, 250 cm
d) 400 g, 80 g, 2 kg, 1.3 kg, 2500 g
e) 2 litres, 0.6 litre, 400 m*l*, 0.5 litre, 550 m*l*

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