Decimal Division

1) Showing your working carefully, work out:
(a) 3.6÷0.6   (b) 3.6÷0.06   (c) 62÷0.2   (d) 7.2÷0.12   (e) 0.63÷0.9   (f) 55÷0.11

2) Which is the largest?   0.45÷0.9   4.5÷9   0.45÷0.09   45÷90

3) Which is the smallest?   42÷0.7   0.42÷0.7   0.42÷0.07   4.2÷0.7

4) The circumference of a bicycle wheel is 1.6m. How many complete turns will it make while travelling one kilometre?

Decimal Division – Answers

1) (a) 6   (b) 60   (c) 310   (d) 60   (e) 0.7   (f) 500

2) Answers are   0.5   0.5   5   0.5
So 0.45÷0.09 is the largest

3) Answers are   60   0.6   6   6
So 0.42÷0.7 is the smallest.

4) $\dfrac{1000m}{1.6m} = \dfrac{10000}{16} = \dfrac{5000}{8}$ = 625 turns