

Write the correct sign $>$ or $<$ between each pair of numbers.

(a) $3.4 > 3.04$

(b) $4.5 < 4.55$

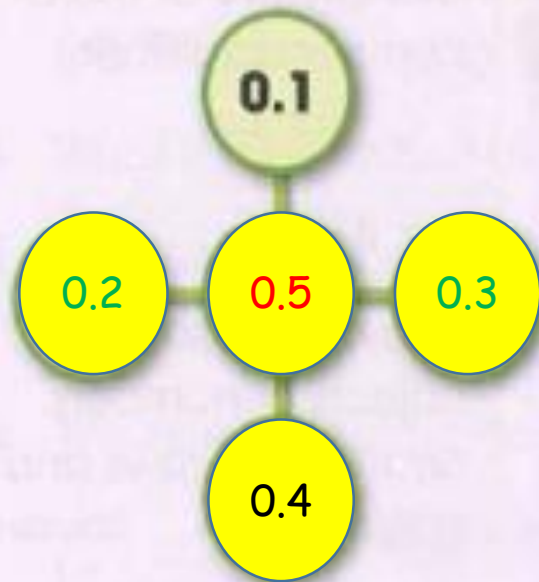
(c) $3.83 > 3.38$

(d) $1.14 < 1.2$

Decimal facts

Let's investigate

Copy the diagram below.



Place the numbers 0.2, 0.3, 0.4 and 0.5 in the circles so that the total down and across is 1.

Find the missing numbers.

(a) $0.7 + 0.3 = 1$ (b) $0.6 + 0.4 = 1$ (c) $1 - 0.7 = 0.3$

(a) What is the total of 0.6 and 0.4? **1**

(b) What is the difference between 1 and 0.9? **0.1**

(c) Find the sum of 5.4 and 4.6 **10**

Order the decimals in each set from greatest to least.

a) 0.6, 0.24, 0.12

$0.6 > 0.24 > 0.12$

b) 0.8, 0.75, 0.3

$0.8 > 0.75 > 0.3$

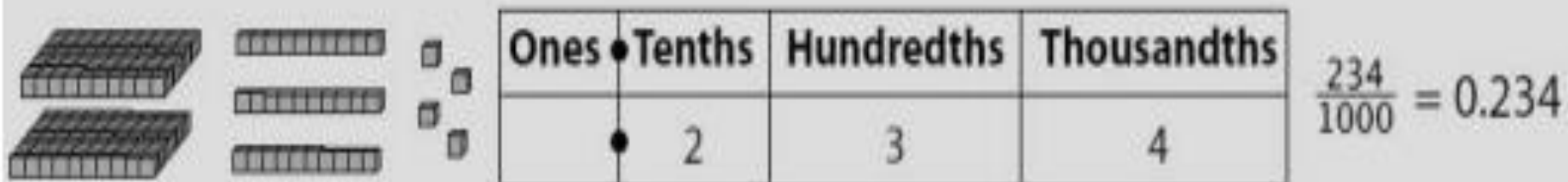
c) 0.14, 0.2, 0.35

$0.35 > 0.2 > 0.14$

d) 0.92, 0.1, 0.11

$0.92 > 0.11 > 0.1$

- Numbers with **thousandths** can be shown in different ways.



- We can write decimals in expanded form.

$$\begin{aligned} 4.623 &= 4 \text{ ones} + 6 \text{ tenths} + 2 \text{ hundredths} + 3 \text{ thousandths} \\ &= 4 + 0.6 + 0.02 + 0.003 \end{aligned}$$