**Understanding decimals with tenths >1**

**Section A:** Partition each of these as shown, e.g 2.4kg = 2kg + 0.4kg

3.8 m = \_\_\_\_\_\_m + \_\_\_\_\_\_ m

4.5 kg =

2.6 =

3.3 =

Partition each of these in many different ways,

 e.g. 2.4kg = 2kg + 0.4kg = 1kg + 1.4kg = 2.1kg + 0.3kg

**Section B:** Complete the following:

3.4m = \_\_\_\_ x 0.1m = $\frac{ }{10}$ m 16 x 0.1l = \_\_\_\_\_\_\_ l

4.9m = 28 x 0.1kg =

0.5 = 31 x 0.1 =

Sam has written some different ways to describe the picture. Tick or cross to show if he is right or wrong. Where he is wrong, write a correct expression:

(30 x 0.1) + (1 x 0.1) 0.3 + 1

3 – 0.1 $\frac{31}{10}$

 $\frac{40}{10}$ - $\frac{9}{10}$ 1 + 0.1 + 2

Order from smallest to largest, using < sign to join expressions, e.g. 2 < 4 < 9 < 11

0.4, $\frac{34}{10}$, 2.8, 0.1 x 24, 3, 13 + 0.1, 13 x 0.1

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