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## Answers

### Activity 1 - Dividing decimals by whole numbers

1. : There are 0.4 litres of juice in each glass.

2. :  $4.8 \div 6 = 0.8$  In the first model, the 4 ones need to be exchanged for 40 tenths making 48 tenths altogether. The 48 tenths can then be shared across 6 sets. Each set will have 8 tenths or 0.8.

In the second model, the second bar splits the 4.8 into two sets of 2.4. The third bar then divides each 2.4 into three, leaving 0.8 in each of the six parts of the third bar.

3. : Each yellow block is 3.6 cm tall. A red block is 1.2 cm wide and 6 cm long.