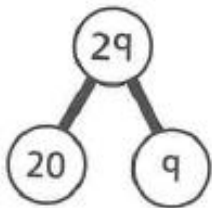
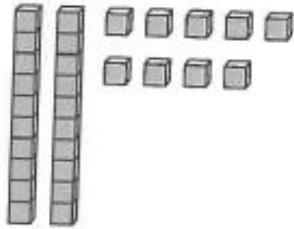


# Division with remainders

1 Use base 10 equipment to help you work out these divisions.

a)  $29 \div 2$



$$\square \div 2 = \square$$

$$\square \div 2 = \square \text{ remainder } \square$$

$$29 \div 2 = \square \text{ remainder } \square$$

b)  $97 \div 3$



$$\square \div 3 = \square$$

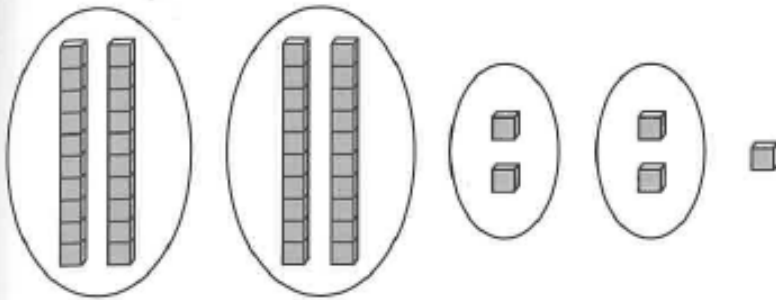
$$\square \div 3 = \square \text{ remainder } \square$$

$$97 \div 3 = \square \text{ remainder } \square$$

2 What calculation is shown in the picture?

The number in the picture has  tens and  ones.

The picture shows   $\div$   =  remainder



3 Find the answers to the following calculations.

a)  $41 \div 4 =$   r



c)  $62 \div 3 =$   r



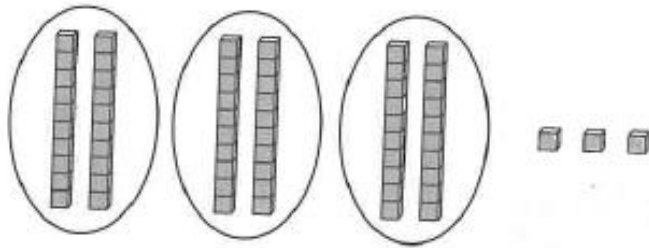
b)  $59 \div 5 =$   r



d)  $89 \div 4 =$   r



- 4 Luis is working out the answer to  $63 \div 2$ .



$63 \div 2 = 20 \text{ r } 3$



Luis

Is Luis correct? Explain why or why not.

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- 5 Using the digit cards 0 to 9, how many division calculations can you make where the answer will have a remainder of 1?



$\div$   =  remainder 1



## Reflect

Why is there a remainder when you divide 87 by 4? Use pictures to support your answer.

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