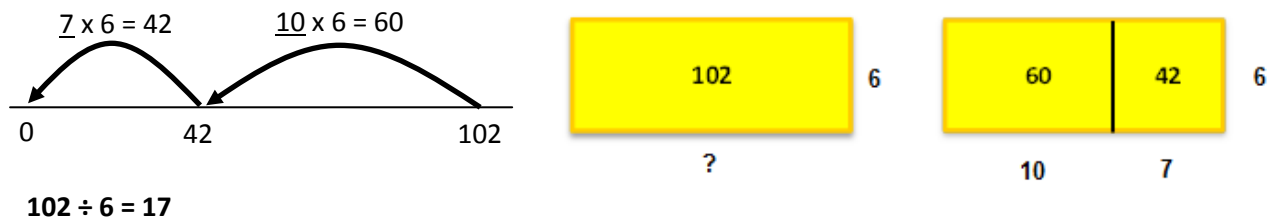# Partitioning for Division 2

- Think of the first number (the dividend) in these calculations in terms of multiples of the second number (the divisor).

dividend   *divisor*   *both multiples of the divisor*

Example: $102 \div 6$ $102 = 60 + 42$

- Use jottings, including the number line or the image of a rectangular array or simply a rectangle to support developing mental calculation skills.

$7 \times 6 = 42$ $10 \times 6 = 60$

0   42   102

| 102 | 6 |

?

| 60 | 42 | 6 |

10   7

$102 \div 6 = 17$

- Now try these calculations using partitioning:

$64 \div 4$	$75 \div 5$	$69 \div 3$
$84 \div 6$	$72 \div 4$	$120 \div 8$
$119 \div 7$	$126 \div 9$	$555 \div 5$
$132 \div 6$	$96 \div 3$	$136 \div 8$