Decimal Fractions - Tenths

□ + 2.9 = 8.1

> We are learning to reverse problems like □ + 2.9 = 8.1 to 2.9 + □ = 8.1 and then use an appropriate mental method to solve the problem.

Jane already has some mince in her fridge and she buys another 3.6 kg of mince to make meat patties for a barbeque.

Jane weighs both amounts of mince and finds she has 7.1 kg altogether.

Which equation matches this story?

$\square$ + 7.1 = 3.6 $\square$ + 3.6 = 7.1   7.1 + $\square$ = 3.6   3.6 + $\square$ = 7.1

Make up a word story for □ + 29.9 = 37.1.

Exercise 1

What to do

1) Reverse the problem and then use an appropriate mental strategy to find the number that goes in the box.

1)	$\square$ + 4.5 = 8.1	(2)	$\square$ + 29.8 = 34.5	(3)	$\square$ + 3.5 = 8.8
4)	$\square$ + 28.8 = 39.9	(5)	$\square$ + 9.7 = 18.1	(6)	$\square$ + 3.2 = 9.1
7)	$\square$ + 7.5 = 8.1	(8)	$\square$ + 45.5 = 58.5	(9)	$\square$ + 13.5 = 17.8
10)	$\square$ + 29.8 = 40.2	(11)	$\square$ + 18.7 = 20.3	(12)	$\square$ + 39.8 = 45.4
13)	$\square$ + 89.6 = 98.1	(14)	$\square$ + 9.9 = 70.1	(15)	$\square$ + 2.3 = 10.1
16)	$\square$ + 9.8 = 45.4	(17)	$\square$ + 189.6 = 198.1	(18)	$\square$ + 399.9 = 670.1

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Answers

Exercise 1

1)	3.6	(2)	4.7	(3)	5.3
4)	11.1	(5)	8.4	(6)	5.9
7)	0.6	(8)	13	(9)	4.3
10)	10.4	(11)	1.6	(12)	5.6
13)	8.5	(14)	60.2	(15)	7.8
16)	35.6	(17)	8.5	(18)	270.2