

LESSON 4

- Can I solve missing number problems?
(Part 2)

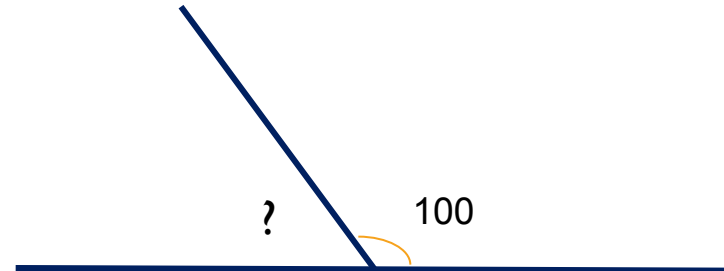
Fast five

1) What is 456 doubled?

2) $\frac{1}{2} - \frac{1}{4} =$

3) $45 \times 22 =$

4) What is the missing angle?



5) What type of angle is this?



Fast five Answers

1) Half of 248 = 912

2) $8765 + 1232 = \frac{1}{4}$

3) $45 \times 22 = 990$

4) $180 - 100 = 80$

5) Right angle

$$473 - 35\underline{2} = 121$$

	H	T	O
	4	7	3
-	3	5	2
	1	2	1

$$3 - 1 = 2$$

Check

$$2 + 1 = 3$$

$$381 - 23? = 145$$

H	T	O
3	7	1
2	3	<u>6</u>
1	4	5

+	H	T	O
	1	4	5
	2	3	6
	3	8	1

We can see at the outset that 1 minus any single digit number cannot = 5.

We therefore have to regroup, to make the one into eleven.

We now have $11 - 5 = 6$.

Check

$$5 + 6 = 11$$

We then finish off subtracting the remaining digits.

To make double sure we can do a further calculation to check. $145 + 236 = 381$

$$\underline{4?4} - 26\underline{1} = 193 \quad 4\underline{5}4 - 26\underline{1} = 193$$

	H	T	O
	³ 4	1	<u>5</u>
	4	5	4
-	2	6	<u>1</u>
	1	9	3

We start by looking at the ones column.

$$4 - 3 = 1$$

Check

$$1 + 3 = 4.$$

We then have to calculate what we have to subtract 6 from to get to 9.

We can use the same technique as before.

$$6 + 9 = 15$$

Check

$$15 - 6 = 9$$