Compare two numbers using =, ≠, <, >

1 Complete the statements using the correct phrase.

is greater than	is equal to
is not equal to	is less than

a) 502 > 52

502 _____ 52

52 _____ 502

b) 30,099 < 90,003

30,099 _____ 90,003

90,003 _____ 30,099

c) 76,590 ≠ 75,609

76,590 _____ 75,609

75,609 _____ 76,590

2 Write < or > to complete the statements.

a) 978 ◯ 1,111

b) 3,500 m ◯ 3,000 m

c) 945 ◯ 799

d) £50,000 ◯ £9,000

e) 500,070 ◯ 70,005

f) 7,000 ◯ Seventy thousand

g) 3.1 million ◯ 3,000,000

h) 20,003 g ◯ 20,030 kg

3 Tick the greatest number in each pair.

a)

HM	TM	M	HTh	TTh	Th	H	T	O

HM	TM	M	HTh	TTh	Th	H	T	O

b)

HM	TM	M	HTh	TTh	Th	H	T	O

HM	TM	M	HTh	TTh	Th	H	T	O

4 Write = or ≠ to complete the statements.

a) eight hundred and twenty million ◯ 82,000,000

b) 400,000 ◯ four hundred thousand

c) 50,000,000 ◯ half a billion

d) seven million and six thousand ◯ 706,000

5 Complete the part-whole models and write <, > or = to complete the statements.

a)

◯ ◯ ◯

(2,070) (300)   (2,080) (200)

b)

◯ ◯ ◯

(half a billion) (fifteen hundred)   (1,500) (fifty million)
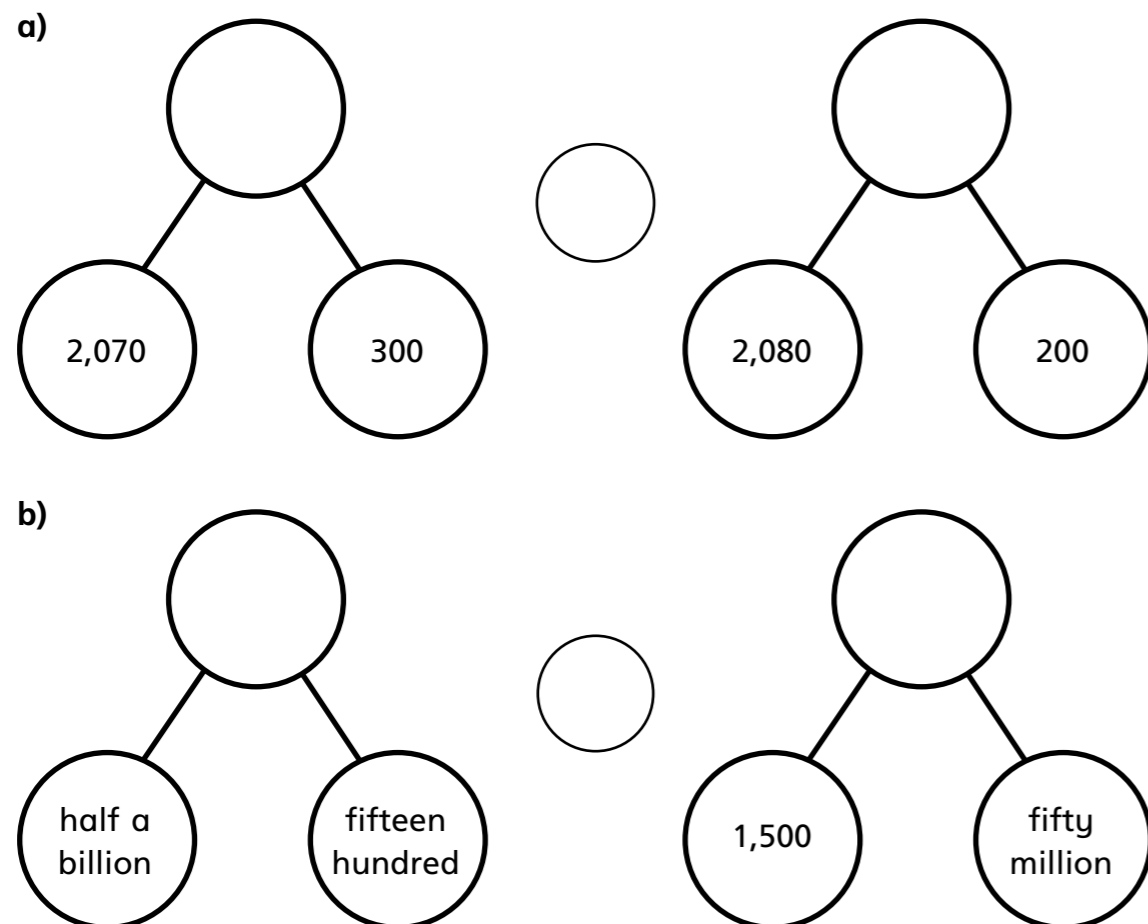
6 Fill in the missing digits to make the statements correct.

Give 2 possible answers for each one.

a) 7,__35 < 7,42__   7,__35 < 7,42__

b) 97__ > 9__8   97__ > 9__8

c) 3,8__9 < 3,__76   3,8__9 < 3,__76

7 Write five numbers that are less than 50,200 but greater than 50,180

_____

_____

8 Look at these inequality statements.

A < B   B < C

Which of the statements below are true and which are false?

Give a reason for each of your answers.

a) A < C

_____

_____

b) A could be equal to B

_____

_____

c) B lies between A and C

_____

_____

9 The digits 0 to 9 are each used once in this statement.

There are 5 missing digits.

48__ __9 < __ 6__ 7__

How many different solutions can you find?