

Binary Numbers – Sheet 1

Q.1 True or False?

Computers use binary numbers for counting	TRUE / FALSE
Binary numbers can only show numbers up to 15	TRUE / FALSE
Binary numbers only use 0s and 1s	TRUE / FALSE
Denary numbers are made up of numbers from 0 to 10	TRUE / FALSE
Binary numbers are easy to use	TRUE / FALSE

Q.2 Change these numbers from binary to denary

8s	4s	2s	1s
0	1	0	1

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0	1	1	0
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 =

1	0	0	1
---	---	---	---

 =

1	1	1	1
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 =

1	0	0	0	1
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 =

1	0	0	0	1	1
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Q.3 Write down the first 16 binary numbers

Binary Numbers – Sheet 2

Q.1 Change this number from binary to denary:

0	1	0	1	0	1
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Q. 2 Change these numbers from binary to denary:

- a) 1011
- b) 0100
- c) 0010

Q. 3 Write these denary numbers as binary numbers:

		8s	4s	2s	1s
4	=				

3	=				
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7	=				
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12	=				
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15	=				
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10	=				
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