



Binary Code Challenges

Name:.....

Write the following decimal or denary numbers in Binary Code in the grid.

1. 14

128	64	32	16	8	4	2	1

2. 59

128	64	32	16	8	4	2	1

3. 135

128	64	32	16	8	4	2	1

4. Now try writing 76 on line below in Binary without using the grid to help you.

Can you work out the numbers below from the Binary Code?

5. 11001 =

6. 110011 =

7. 1000001 =

8. 11111111 =

Work out the famous dates in History in Binary Code:

9. 1066 =

10. 1939 =



Binary Code Challenges (Teacher Answers)

Name:.....

Write the following decimal/denary numbers in Binary Code in the grid.

1. 14

128	64	32	16	8	4	2	1
				1	1	1	0

2. 59

128	64	32	16	8	4	2	1
		1	1	1	0	1	1

3. 135

128	64	32	16	8	4	2	1
1	0	0	0	0	1	1	1

4. Now try writing 76 on line below in Binary without using the grid to help you.
1001100

Can you work out the numbers below from the Binary Code?

5. 11001 = 25

6. 110011 = 51

7. 11000001 = 193

8. 111111111 = 511

Work out the famous dates in History in Binary Code:

9. 1066 = 10000101010

10. 1939 = 11110010011