

Converting Binary Numbers – Set 1

1. Convert these four bit binary numbers to normal numbers:

1	0	1	1	=
---	---	---	---	---

1	1	0	1	=
---	---	---	---	---

2. Convert these numbers to 4 bit binary:

6	=				
---	---	--	--	--	--

14	=				
----	---	--	--	--	--

3. This is the largest number you can make using 5 bits. What is it?

1	1	1	1	1	=
---	---	---	---	---	---

4. Convert these five bit binary numbers to normal numbers:

1	0	1	0	1	=
---	---	---	---	---	---

1	1	1	0	0	=
---	---	---	---	---	---

0	1	0	1	0	=
---	---	---	---	---	---

5. Convert these numbers to 5 bit binary:

$$27 = \boxed{} \boxed{} \boxed{} \boxed{} \boxed{}$$

30 =

--	--	--	--	--

$$24 = \boxed{} \boxed{} \boxed{} \boxed{} \boxed{}$$

6. Convert these six bit binary numbers to normal numbers:

32s	16s	8s	4s	2s	1s	
1	0	0	0	1	1	=

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

=

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

=

7. Convert these numbers to 6 bit binary:

$$42 = \boxed{} \boxed{} \boxed{} \boxed{} \boxed{} \boxed{}$$

33	=					

61	=					
----	---	--	--	--	--	--