



## MATH DRILLS!

Convert the followings Base 16 numbers to Base 2.

### EXERCISES

<p>a. <math>46_{16}</math></p> <p>Answer: <math>100\ 0110_2</math></p>	<p>b. <math>70D_{16}</math></p> <p>Answer: <math>111\ 0000\ 1101_2</math></p>
<p>c. <math>6A2_{16}</math></p> <p>Answer: <math>110\ 1010\ 0010_2</math></p>	<p>d. <math>1EB_{16}</math></p> <p>Answer: <math>1\ 1110\ 1011_2</math></p>
<p>e. <math>10A_{16}</math></p> <p>Answer: <math>1\ 0000\ 1010_2</math></p>	<p>f. <math>1500CC_{16}</math></p> <p>Answer: <math>1\ 0101\ 0000\ 0000\ 1100_2</math></p>



## MATH DRILLS!

Convert the followings Base 2 numbers to Base 16.

### EXERCISES

a. $1\ 0110\ 1101_2$	b. $1111\ 1001_2$
Answer: $16D_{16}$	Answer: $F9_{16}$
c. $11\ 0011\ 0010_2$	d. $1\ 0101\ 0111_2$
Answer: $332_{16}$	Answer: $157_{16}$
e. $100\ 0001\ 0010_2$	f. $111\ 1000\ 0111_2$
Answer: $412_{16}$	Answer: $787_{16}$
g. $10\ 1100\ 0011\ 0101_2$	h. $1\ 0100\ 0110\ 1010_2$
Answer: $2C35_{16}$	Answer: $146A_{16}$