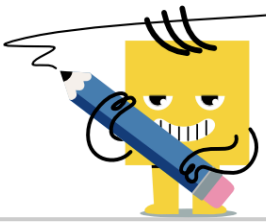
Name



Logarithms - Solve Log Equation (To Decimals)

1 Solve the following logarithm

$$\log_8 310 = x$$

A	x = 2.76	B	x = 1.76
C	x = 4.76	D	x = 3.76
E	x = 0.76		

2 Solve the following logarithm

$$\log_2 55 = x$$

A	x = 7.78	B	x = 5.78
C	x = 6.78	D	x = 3.78
E	x = 4.78		

3 Solve the following logarithm

$$\log_{10} 202 = x$$

A	x = 1.31	B	x = 4.31
C	x = 2.31	D	x = 3.31
E	x = 0.31		

4 Solve the following logarithm

$$\log_7 486 = x$$

A	x = 5.18	B	x = 3.18
C	x = 2.18	D	x = 1.18
E	x = 4.18		

5 Solve the following logarithm

$$\log_8 149 = x$$

A	x = 1.41	B	x = 0.41
C	x = 2.41	D	x = 4.41
E	x = 3.41		

6 Solve the following logarithm

$$\log_8 150 = x$$

A	x = 1.41	B	x = 2.41
C	x = 4.41	D	x = 3.41
E	x = 0.41		

7 Solve the following logarithm

$$\log_6 461 = x$$

A	x = 4.42	B	x = 5.42
C	x = 1.42	D	x = 3.42
E	x = 2.42		

8 Solve the following logarithm

$$\log_5 388 = x$$

A	x = 3.7	B	x = 2.7
C	x = 4.7	D	x = 1.7
E	x = 5.7		