1

Which logarithm equation shows this?

To result in 158, you would raise 3 to the power of 4.61

A $\log_{4.61} 158 = 3$	B $\log_{158} 4.61 = 3$
C $\log_3 158 = 4.61$	D $\log_{158} 3 = 4.61$

2

Which logarithm equation shows this?

To result in 60, you would raise 7 to the power of 2.1

A $\log_7 60 = 2.1$	B $\log_{60} 7 = 2.1$
C $\log_{60} 2.1 = 7$	D $\log_{2.1} 7 = 60$
E $\log_{2.1} 60 = 7$	

3

Which logarithm equation shows this?

To result in 372, you would raise 3 to the power of 5.39

A $\log_{372} 3 = 5.39$	B $\log_{372} 5.39 = 3$
C $\log_{5.39} 372 = 3$	D $\log_3 372 = 5.39$

4

Which logarithm equation shows this?

To result in 133, you would raise 6 to the power of 2.73

A $\log_{133} 2.73 = 6$	B $\log_6 133 = 2.73$
C $\log_{2.73} 133 = 6$	

5

Which logarithm equation shows this?

To result in 377, you would raise 8 to the power of 2.85

A $\log_{377} 2.85 = 8$	B $\log_{2.85} 8 = 377$
C $\log_{2.85} 377 = 8$	D $\log_8 377 = 2.85$
E $\log_{377} 8 = 2.85$	

6

Which logarithm equation shows this?

To result in 50, you would raise 10 to the power of 1.7

A $\log_{10} 50 = 1.7$	B $\log_{1.7} 50 = 10$
C $\log_{1.7} 10 = 50$	D $\log_{50} 1.7 = 10$

7

Which logarithm equation shows this?

To result in 316, you would raise 10 to the power of 2.5

A $\log_{2.5} 10 = 316$	B $\log_{2.5} 316 = 10$
C $\log_{10} 316 = 2.5$	D $\log_{316} 2.5 = 10$

8

Which logarithm equation shows this?

To result in 437, you would raise 4 to the power of 4.39

A $\log_{4.39} 4 = 437$	B $\log_{4.39} 437 = 4$
C $\log_4 437 = 4.39$	D $\log_{437} 4.39 = 4$