

Logarithmic Expression

Sheet 5

For the given values, express each expression in terms of b, c, d.

$$b = \log 2, \quad c = \log 17, \quad d = \log 8$$

1) $\log 340$

Answer

2) $\log 4$

3) $\log 64$

Answer

For the given values

$$s = \log 12, \quad t =$$

5) $\log 4$

Answer

7) $\log 216$

Answer

8) $\log 40$

Answer

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Answer key**Logarithmic Expression**

Sheet 5

For the given values, express each expression in terms of b, c, d.

$b = \log 2, \quad c = \log 17, \quad d = \log 8$

1) $\log 340$

Answer

2) $\log 4$

 $d - b$

3) $\log 64$

Answer

 $2c$

For the given values

$s = \log 12, \quad t = \log 3$

5) $\log 4$

Answer

 $2s - t$

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u.

Answer

 $t + u$

7) $\log 216$

Answer

 $3t$

8) $\log 40$

Answer

 $u + s - t$

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