

Logarithmic Expression

Sheet 3

For the given values, express each expression in terms of h, i, j.

$$h = \log 7, \quad i = \log 5, \quad j = \log 14$$

1) $\log 98$

Answer

2) $\log 175$

3) $\log 2$

Answer

For the given values

$$s = \log 9, \quad t =$$

5) $\log 270$

Answer

7) $\log 121$

Answer

8) $\log 363$

Answer

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Answer key**Logarithmic Expression**

Sheet 3

For the given values, express each expression in terms of h, i, j.

$h = \log 7, i = \log 5, j = \log 14$

1) $\log 98$

Answer

$h + 2i$

2) $\log 175$

3) $\log 2$

Answer

$2h + i$

For the given values

$s = \log 9, t = \log 3$

5) $\log 270$

Answer

$s + u + 1$

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Answer

$s + t$

7) $\log 121$

Answer

$2t$

8) $\log 363$

Answer

$2t + u$