

Logarithmic Expression

Sheet 2

For the given values, express each expression in terms of p, q, r.

$$p = \log 12, \quad q = \log 9, \quad r = \log 4$$

1) $\log 36$

Answer

2) $\log 432$

3) $\log 30$

Answer

For the given values,

$$u = \log 2, \quad v =$$

5) $\log 72$

Answer

7) $\log 140$

Answer

8) $\log 28$

Answer

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Answer key**Logarithmic Expression**

Sheet 2

For the given values, express each expression in terms of p , q , r .

$p = \log 12, q = \log 9, r = \log 4$

1) $\log 36$

Answer

$p + q + r$

2) $\log 432$

3) $\log 30$

Answer

$q + 3r$

For the given values

$u = \log 2, v = \log 3, w = \log 6$

5) $\log 72$

Answer

$2u + w$

w.

Answer

$w - u + 1$

7) $\log 140$

Answer

$u + v + 1$

8) $\log 28$

Answer

$2u + v$

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