



LEWIS AND CLARK COLLEGE

Department of Mathematical Sciences

PUZZLE OF THE WEEK (4/20/2016 - 4/26/2016)

Find all rational numbers r for which $\log_2 r$ is also rational. Justify your claim.

- The only correct solution of the Puzzle of the Week #12 was submitted by Toby Aldape. Congratulations!
- One possible solution of the Puzzle #12 is posted online. (Look for the Puzzle of the Week announcements on the departmental web-page.)
- Solvers should include their full name and some kind of a contact information. Solutions should be submitted to **Iva Stavrov** in BoDine 305; email submissions are encouraged (istavrov at lclark). Solutions should be received by the end of the day on **Tuesday, April 26th 2016**.