



## LEWIS AND CLARK COLLEGE

Department of Mathematical Sciences

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### PUZZLE OF THE WEEK (10/26/2016 - 11/2/2016)

Find all polynomials  $P(x)$  with real coefficients for which

$$P(3 - 2x) = 4P(x)$$

for all real  $x$ .

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- Correct solutions to Puzzle of the Week #8 were submitted by David Lovitz and Fisher Ng. Congratulations!
- One possible solution of the Puzzle #8 is posted online. (Look for the Puzzle of the Week announcements on the departmental web-page.)
- Solvers of this week's puzzle should include their name, address, and status at the College. 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, November 2nd 2016**.