

ANSWERS TO PREVIOUS PUZZLES:

- 7. Any prime greater than three is one of the form $6n + 1$. See answers below (page 10) for explanation.
- 8. Three-digit numbers produce 198. Five digit numbers give 15873.

Perplexing Puzzles

Division Decision

9

Arrange the digits 2, 4, 6 and 8 on the lines to make a division expression.

The answer must have no remainder and each digit can be used only once.

Write down all of the different division expressions (without remainders) that you can make using each digit only once.

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Perplexing Puzzles

Pocket Money

10

A girl had her pocket money doubled, received an additional \$3 increase, and then had her pocket money cut in half. How much is her current allowance compared with her original pocket money allowance?



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