

# The CENTRE for EDUCATION in MATHEMATICS and COMPUTING

## mathematics and computer science 2017/2018 contests

**Beaver Computing Challenge**  
Weeks of November 6 and 13, 2017

**Canadian Senior and Intermediate Mathematics Contests**  
Wednesday, November 22, 2017

**Canadian Computing Competition**  
Wednesday, February 14, 2018

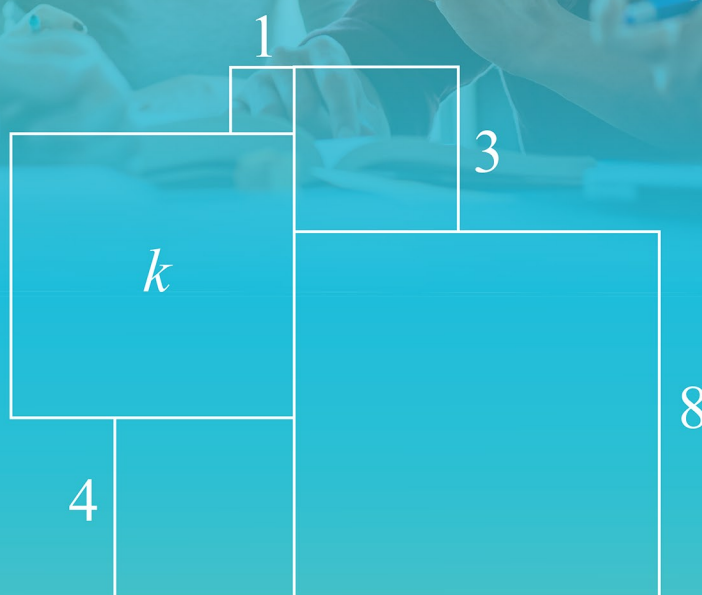
**Pascal, Cayley and Fermat Contests**  
Tuesday, February 27, 2018

**Canadian Team Mathematics Contest**  
Thursday, April 5, 2018 – at UWaterloo  
Friday, April 6, 2018 – in schools

**Euclid Contest**  
Wednesday, April 11, 2018

**Fryer, Galois and Hypatia Contests**  
Thursday, April 12, 2018

**Gauss Contests**  
Wednesday, May 16, 2018



In the diagram, the side lengths of four squares are shown. The area of the fifth square is  $k$ . What is the value of  $k$ ?

- A. 64                      C. 49                      E. 36  
B. 25                      D. 16



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