

# MATHEMATICS AND COMPUTER SCIENCE 2021/2022 CONTESTS

NORTH AMERICA AND SOUTH AMERICA

**BEAVER COMPUTING CHALLENGE**  
November 8 to 19, 2021

**CANADIAN SENIOR AND INTERMEDIATE  
MATHEMATICS CONTESTS**  
Wednesday, November 17, 2021

**CANADIAN COMPUTING COMPETITION**  
Wednesday, February 16, 2022

**PASCAL, CAYLEY AND FERMAT CONTESTS**  
Wednesday, February 23, 2022

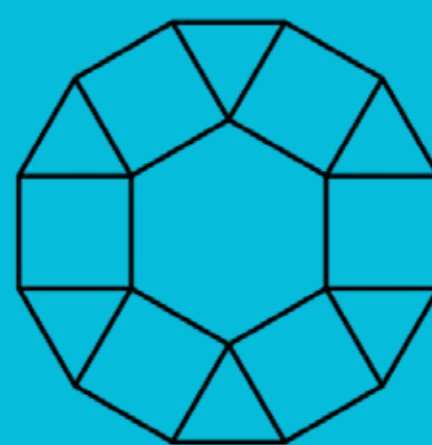
**EUCLID CONTEST**  
Tuesday, April 5, 2022

**CANADIAN TEAM MATHEMATICS CONTEST**  
Thursday, April 7, 2022 (at UWaterloo)  
Friday, April 8, 2022 or later (in schools)

**FRYER, GALOIS AND HYPATIA CONTESTS**  
Tuesday, April 12, 2022

**GAUSS CONTESTS**  
Wednesday, May 18, 2022

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Tam created the mosaic shown using a regular hexagon, squares and equilateral triangles. If the side length of the hexagon is 20 cm, what is the outside perimeter of the mosaic?



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