

Mathematics Problem of the Week (243)

This week's winner is:

Burhan Akram

Contact Lin Hammill (Surrey Fir 348) or Judy Bicep (Richmond,3335) for your prize or email MathProblem@kpu.ca.

Also submitting correct solutions to problem 243 were:

**Ashley Powell, Andrew Linnitt, Brett Jenkins,
Alex Au Jeong, Suzanne Pearce and David Luna**

Problem 243 solution:

$$AD^2 = 6^2 - 2^2 \Rightarrow AD = \sqrt{32}$$

$$BD^2 = 3^2 - 2^2 \Rightarrow BD = \sqrt{5}$$

$$AB = AD + BD = \sqrt{32} + \sqrt{5} \approx 7.89292$$

