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12 September 2008

MATH 224 — QUIZ III

DO EITHER (A) OR (B):
[Tell me which you're doing!]

- (A) When a cold drink is taken out of the refrigerator, its temperature is 5°C . After 25 minutes in a 20°C room, its temperature has increased to 10°C .
- (Aa) What is the temperature of the drink after 50 minutes?
- (Ab) When will its temperature be 15°C ?
- (B) Where should the point P be chosen on the line segment AB so as to maximize the angle θ ?