

## Mathematics 2260H – Geometry I: Euclidean Geometry

TRENT UNIVERSITY, Winter 2024

### Assignment #2e

#### Sonnet

*Due on Monday, 28 February.*

*Due\* just before midnight on Monday, 26 February.*

While there variations, a *sonnet* is usually a poem with fourteen lines in iambic pentameter, which may use any of a number of different rhyming schemes. An example touching on Euclidean geometry is given below.

#### Sonnet xlv

Euclid alone has looked on Beauty bare.  
Let all who prate of Beauty hold their peace,  
And lay them prone upon the earth and cease  
To ponder on themselves, the while they stare  
At nothing, intricately drawn nowhere  
In shapes of shifting lineage; let geese  
Gabble and hiss, but heroes seek release  
From dusty bondage into luminous air.  
O blinding hour, O holy, terrible day,  
When first the shaft into his vision shone  
Of light anatomized! Euclid alone  
Has looked on Beauty bare. Fortunate they  
Who, though once only and then but far away,  
Have heard her massive sandal set on stone.

Edna St. Vincent Millay

1. Your task, should you choose to accept it, is to write a sonnet touching on Euclidean geometry. [10]

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\* You should submit your solutions via Blackboard's Assignments module, preferably as a single pdf. If submission via Blackboard fails, please submit your work to your instructor by email or on paper. **This is an extra assignment which, should you choose to do it, will go into the pool from which the best ten are chosen.**