

Exemplars

Name: _____

P/S	R/P	Com	Con	Rep	A/Level

Herding Cats ©

Herding Cats

Maru owns a free-roam cat rescue. Maru is working to enclose her roaming area with a cat-safe electric fence. Maru knows the cost of an electric fence installed is \$0.89 per foot. The Meow Safe Fencing Company has provided an estimated price of \$3,190 for fencing in the total property.

The boundaries for the property can be described using coordinates on a scaled grid overlaid on an aerial photo. Each unit is 30 feet. The boundary coordinates are (1, 0), (25, 0), (25, 22), (21, 22), (21, 16), (5, 16), (5, 22), and (1, 22).

Write a letter to the Meow Safe Fencing Company either accepting or rejecting their offer. Be sure to include all of your mathematical thinking.

Property

