Tiered Instruction and Assessment
Grade 8

2.8.11N
2.8.11R
2.8.11Q
2.8.11S

Solve linear, quadratic and exponential equations both symbolically and graphically.

- Solve linear equations and inequalities symbolically.

Level IV

In Connecticut the speeding fine is determined by the function:

$$F(s) = \$10(s - 55) \div \$40$$

While Vermont speeding fine is determined by the function:

$$H(s) = \$4(s - 65) + \$10$$

a. Given the information compare their speeding fines symbolically and graphically.

b. Create a function for speeding in Pennsylvania that would result in fines between Connecticut and Vermont fines. Justify your function.

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