

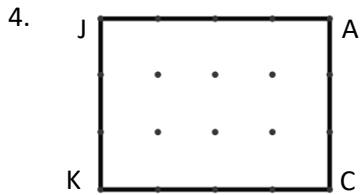
Unit 6 Day 3 - Fences Everywhere Classwork

1. Simplify $\sqrt{50}$

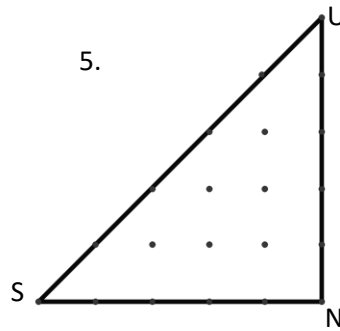
2. Simplify $\sqrt{2} + 3\sqrt{2} + 7\sqrt{2}$

3. Simplify $\sqrt{18} + \sqrt{12} + \sqrt{3} + \sqrt{8}$

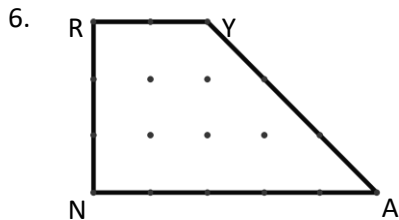
Each of the problems below is a yard that needs to be fenced. Figure out how much fencing is needed for each yard. Make sure to show how you figured out each yard. Don't find approximate values until the very last step, then round to the nearest tenth.



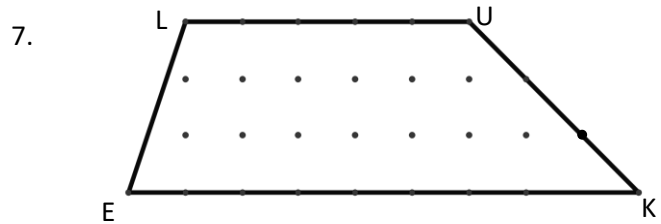
JA=
AC=
CK=
KJ=
Perimeter:



SU=
UN=
NS=
Exact Perimeter =
Approximate \approx



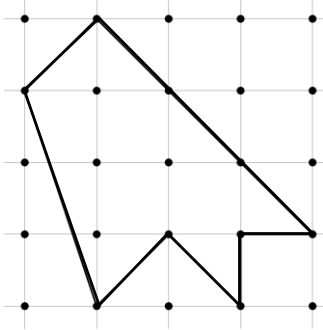
RY=
YA=
AN=
NR=
Exact Perimeter =
Approximate \approx



EL=
LU=
UK=
KE=
Exact Perimeter =
Approximate \approx

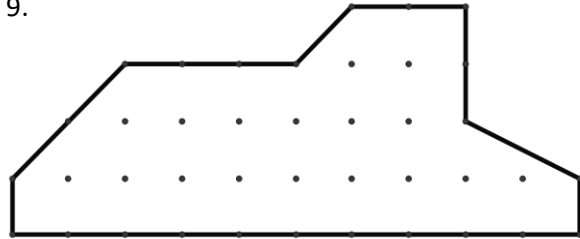
Find the perimeter of each shape. Organize your work, label each side with the length.

8.



Exact Perimeter =
Approximate \approx

9.



Exact Perimeter =
Approximate \approx

10. Find the perimeter of a polygon with these vertices: A(-4,3), B(1,3), C(6,0), D(6, -2), E(-4,-2)
Start by making a rough sketch.

Exact Perimeter =
Approximate \approx