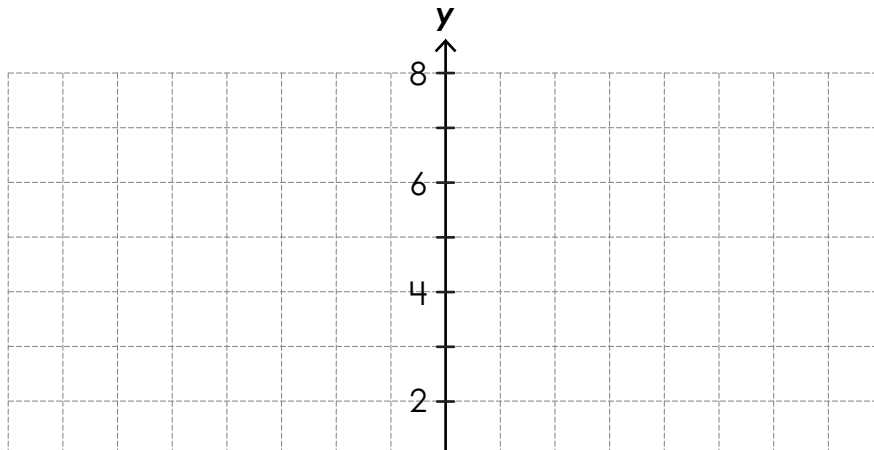


Name: _____

Coordinate Plane: Garden Measurements

Soren is planning a garden by using a birdbath as the origin of a coordinate plane. Plot, label, and connect the vertices to make flower beds. Label each flower bed by flower type.



mums: $A(5,-5)$, $B(5,-7)$,
 $C(-3,-7)$, $D(-3,-5)$

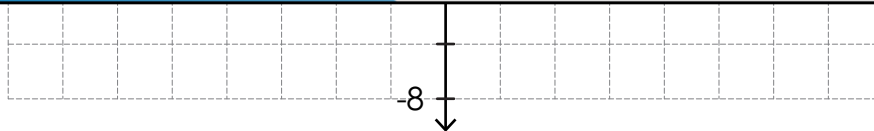
peonies: $E(2,3)$, $F(7,3)$,
 $G(7,0)$, $H(2,0)$

sunflowers: $I(-6,1)$, $J(-5,1)$



Preview

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roses: $U(-1,2)$, $V(-1,6)$,
 $W(-6,6)$, $X(-6,2)$

Count with the grid to give the perimeter and area of each flower bed in units.

1. mums perimeter: _____ area: _____

2. peonies perimeter: _____ area: _____

3. sunflowers perimeter: _____ area: _____

4. tulips perimeter: _____ area: _____

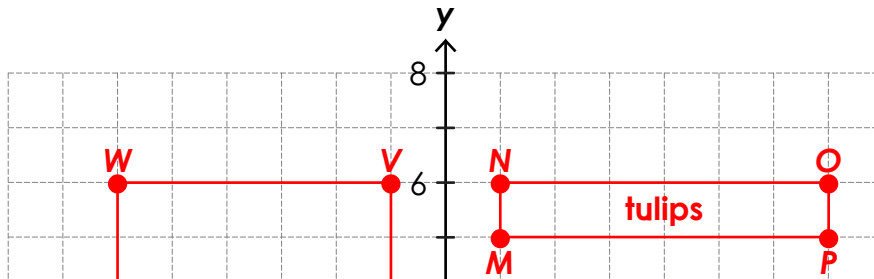
5. petunias perimeter: _____ area: _____

6. roses perimeter: _____ area: _____

ANSWER KEY

Coordinate Plane: Garden Measurements

Soren is planning a garden by using a birdbath as the origin of a coordinate plane. Plot, label, and connect the vertices to make flower beds. Label each flower bed by flower type.



mums: $A(5,-5)$, $B(5,-7)$,
 $C(-3,-7)$, $D(-3,-5)$

peonies: $E(2,3)$, $F(7,3)$

Preview

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5. petunias perimeter: 16 units area: 12 square units

6. roses perimeter: 18 units area: 20 square units