

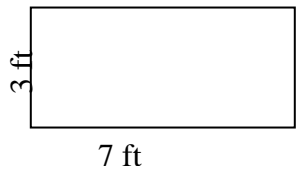
Name _____ Period _____ Date _____

Guided Notes on Area

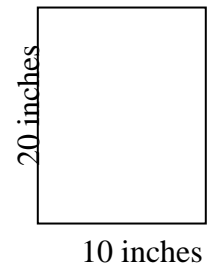
Remember, the area of a shape is how many square units you can fit inside it. What are the areas of the rectangles drawn below? Make sure you write the units.

Area of a Rectangle = _____

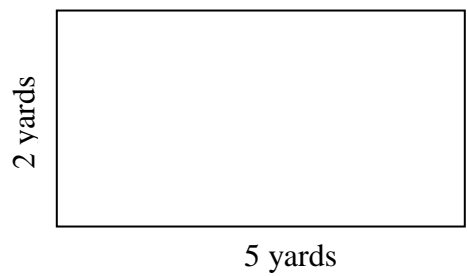
1) A= _____



2) A= _____

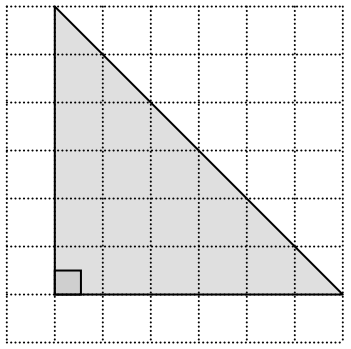


3) A= _____

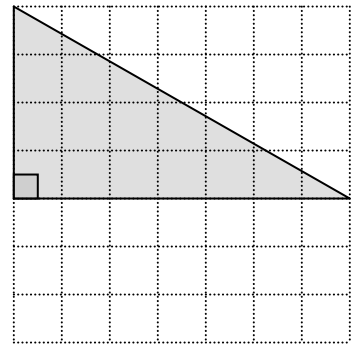


Area of a Triangle = _____

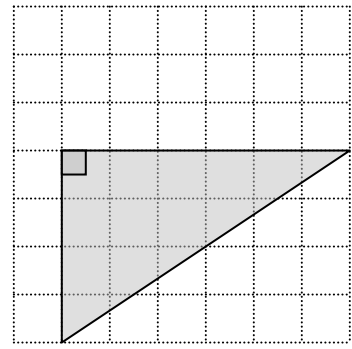
4) A= _____



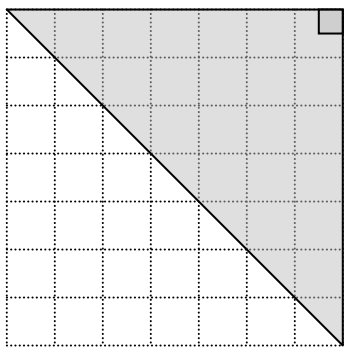
5) A= _____



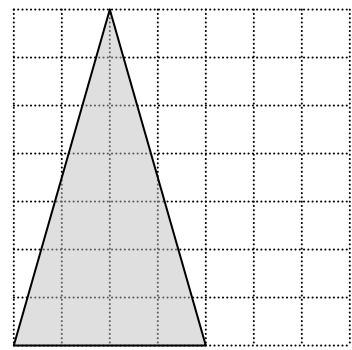
6) A= _____



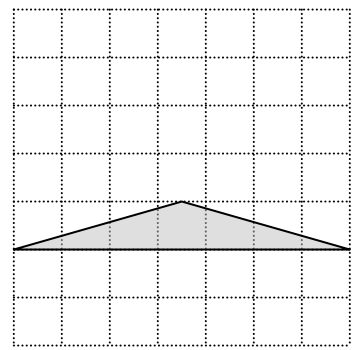
7) A= _____



8) A= _____

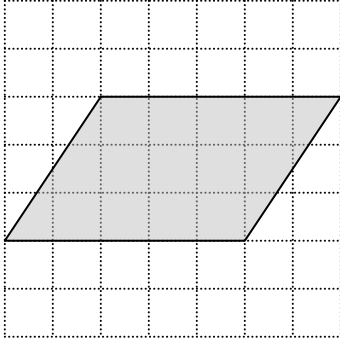


9) A= _____

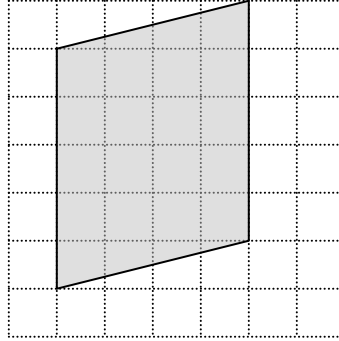


Area of a Parallelogram = _____

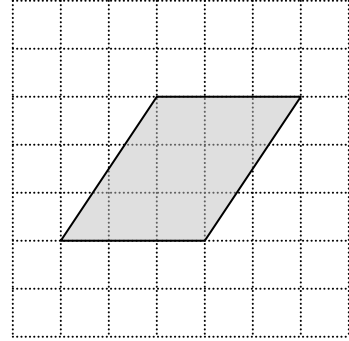
13) A= _____



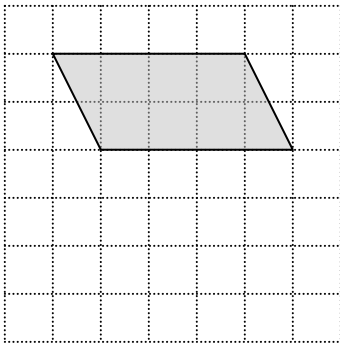
14) A= _____



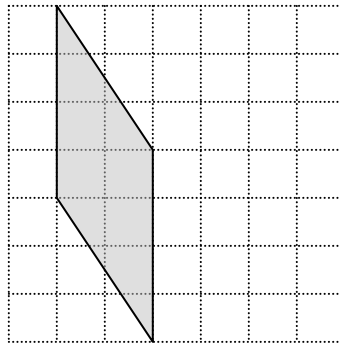
15) A= _____



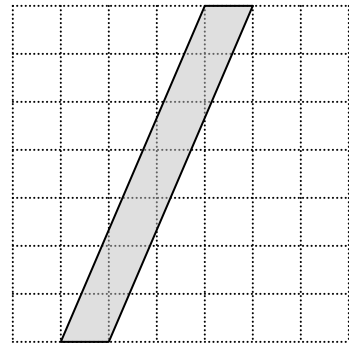
16) A= _____



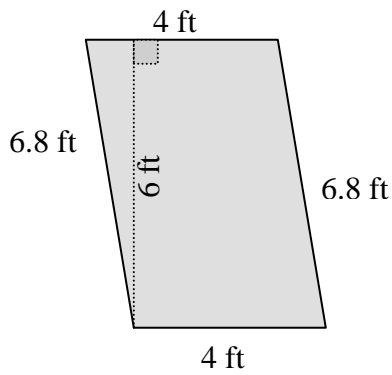
17) A= _____



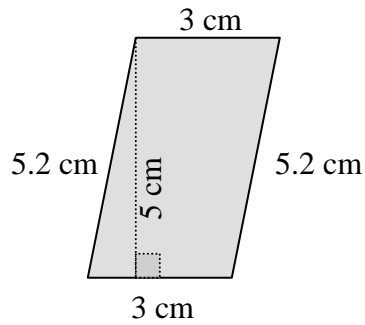
18) A= _____



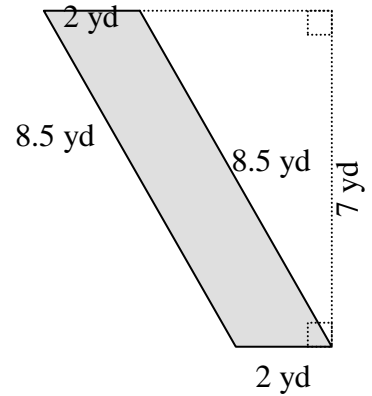
19) A= _____



20) A= _____

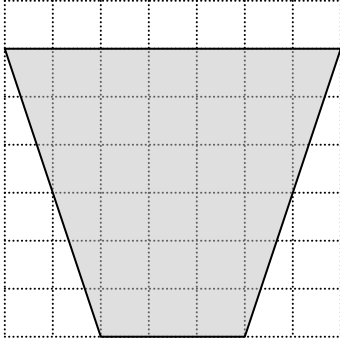


21) A= _____

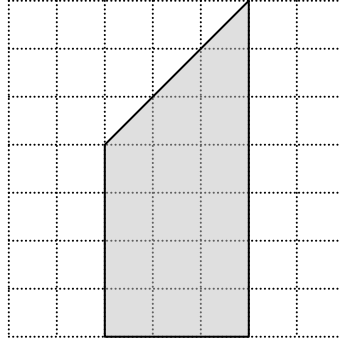


Area of a Trapezoid = _____

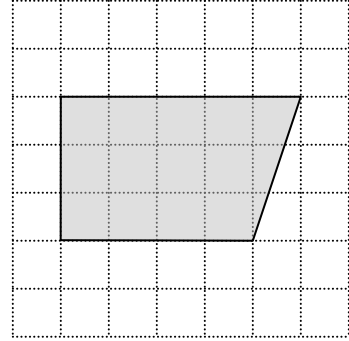
13) A= _____



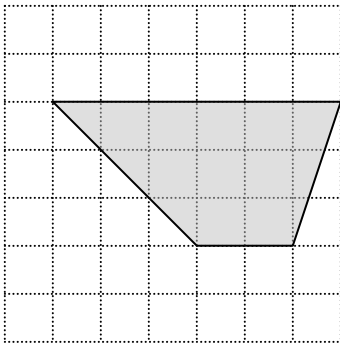
14) A= _____



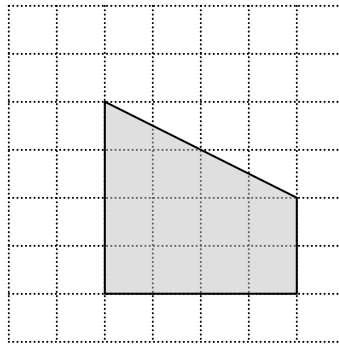
15) A= _____



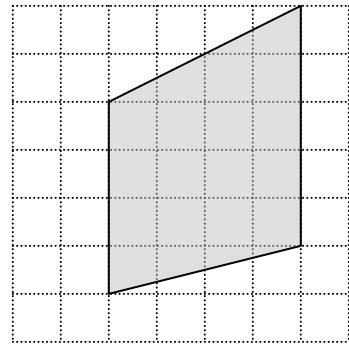
16) A= _____



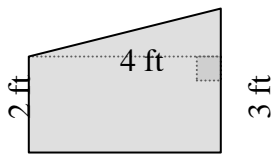
17) A= _____



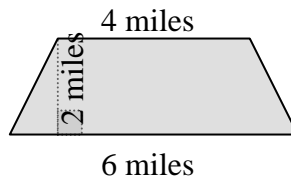
18) A= _____



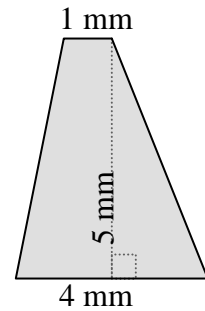
19) A= _____



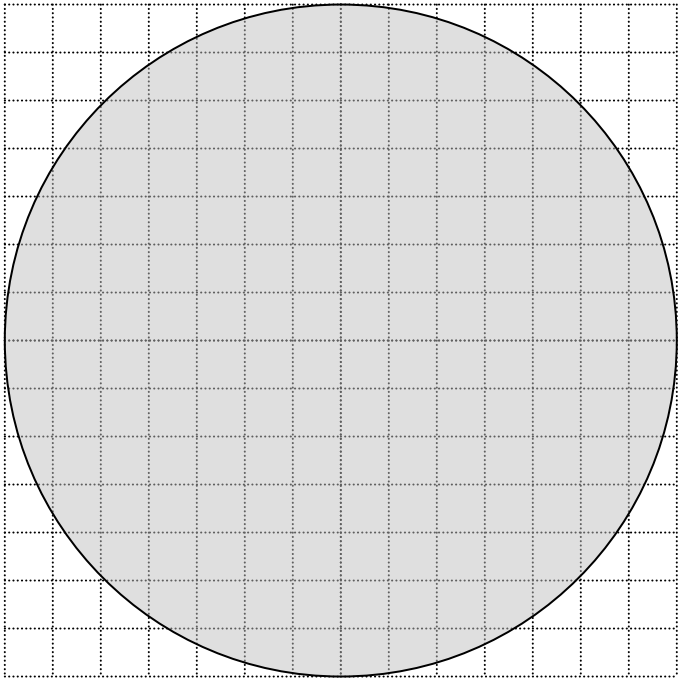
20) A= _____



21) A= _____



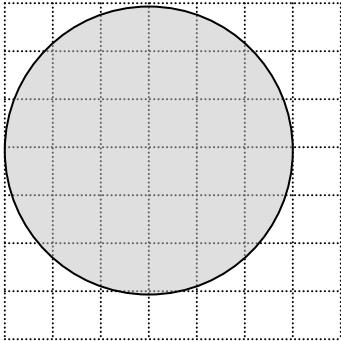
Area of a Circle = _____



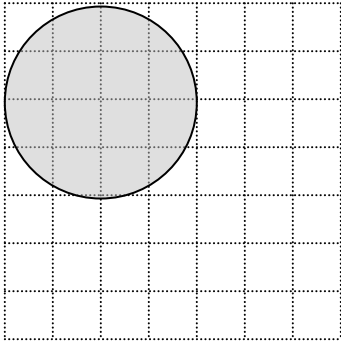
How many squares are filled in?

How did you get your answer?

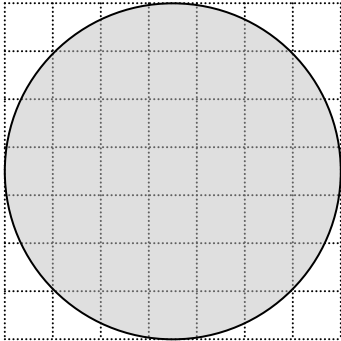
13) A= _____



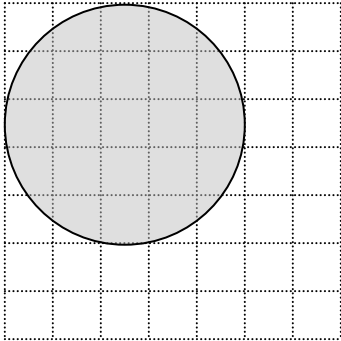
14) A= _____



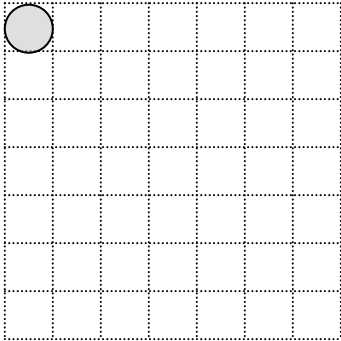
15) A= _____



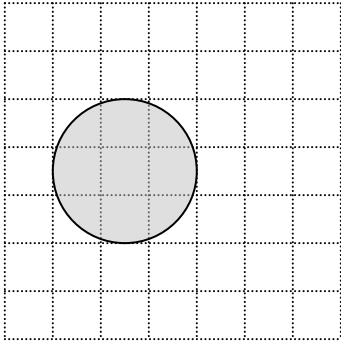
16) A= _____



17) A= _____



18) A= _____



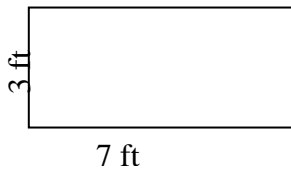
Name ANSWER KEY Period _____ Date _____

Guided Notes on Area

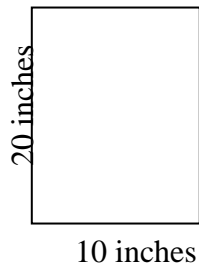
Remember, the area of a shape is how many square units you can fit inside it. What are the areas of the rectangles drawn below? Make sure you write the units.

$$\text{Area of a Rectangle} = \underline{b \cdot h}$$

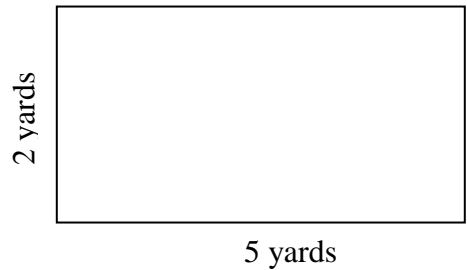
1) A = 21 sq. ft.



2) A = 200 sq. in.

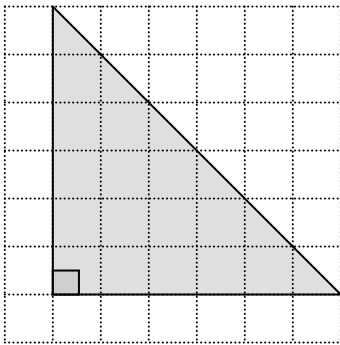


3) A = 10 sq. yd.

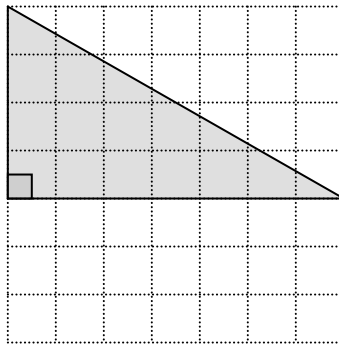


$$\text{Area of a Triangle} = \underline{\frac{b \cdot h}{2}}$$

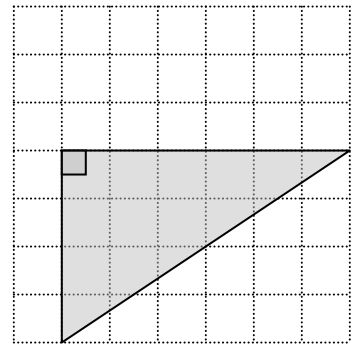
4) A = 18 squares



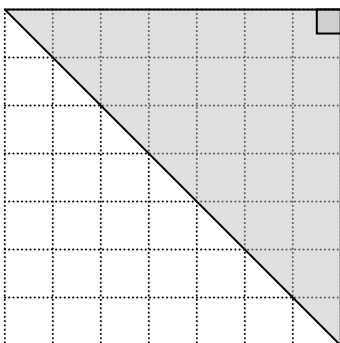
5) A = 14 squares



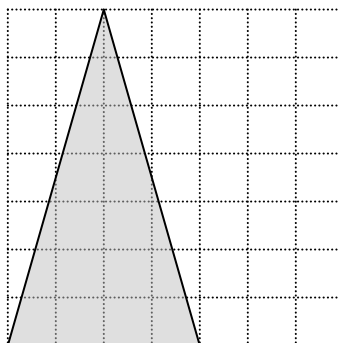
6) A = 12 squares



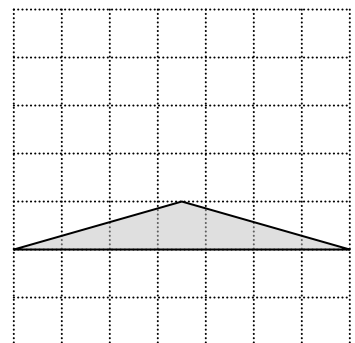
7) A = 24.5 squares



8) A = 14 squares

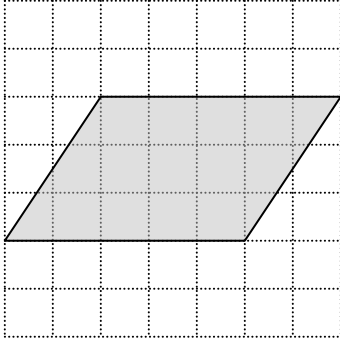


9) A = 4.5 squares

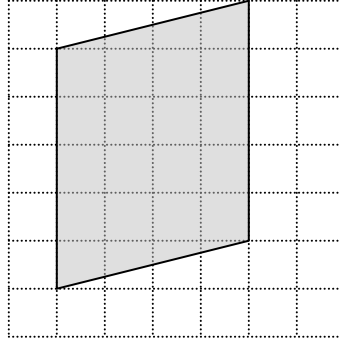


Area of a Parallelogram = $b \cdot h$

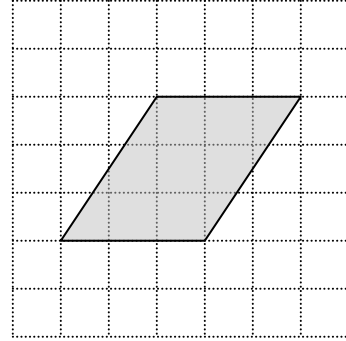
13) A= 15 squares



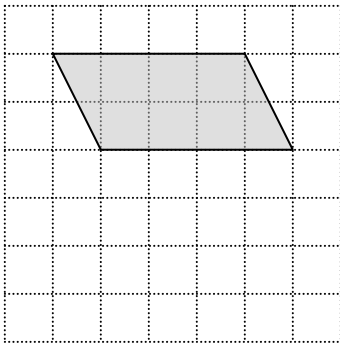
14) A= 20 squares



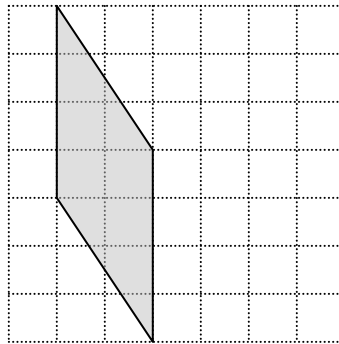
15) A= 9 squares



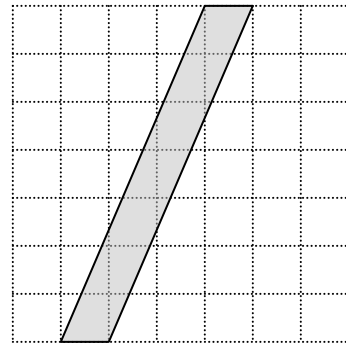
16) A= 8 squares



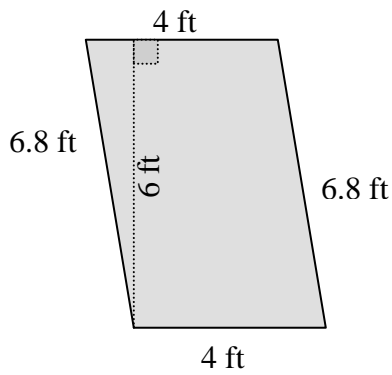
17) A= 8 squares



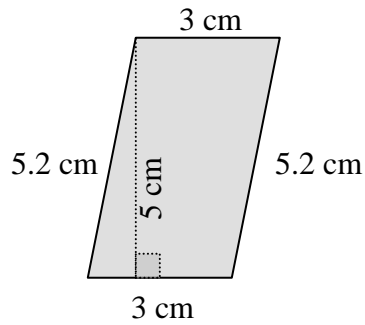
18) A= 7 squares



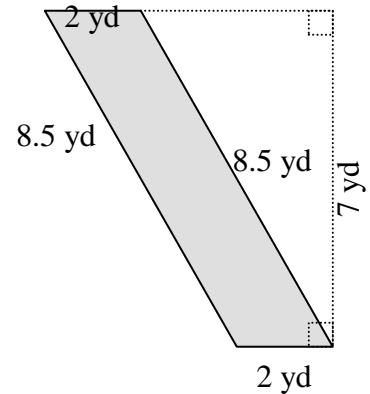
19) A= 24 sq. ft.



20) A= 15 sq. cm.

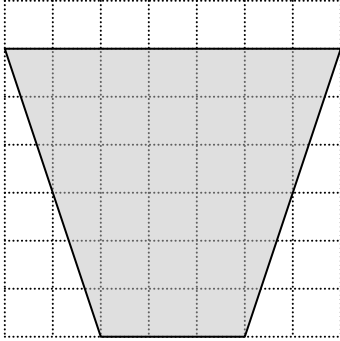


21) A= 14 sq. yd.

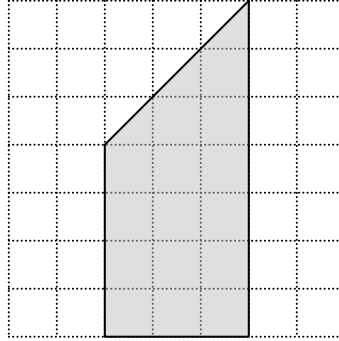


$$\text{Area of a Trapezoid} = \frac{h(b_1 + b_2)}{2}$$

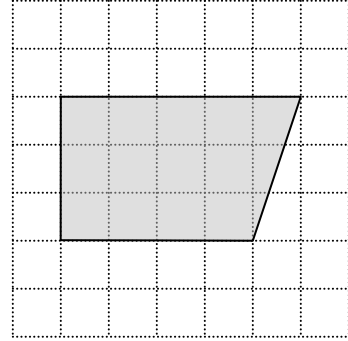
13) A= 30 squares



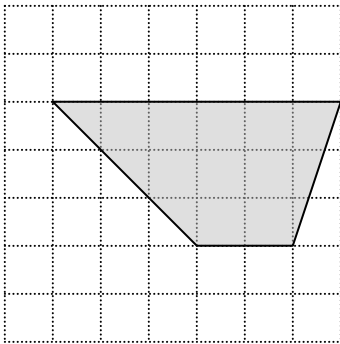
14) A= 16.5 squares



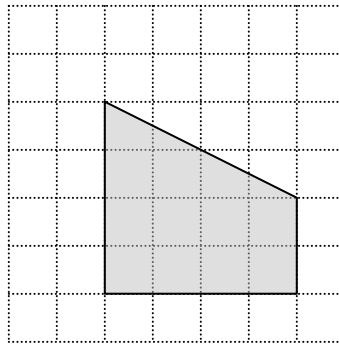
15) A= 13.5 squares



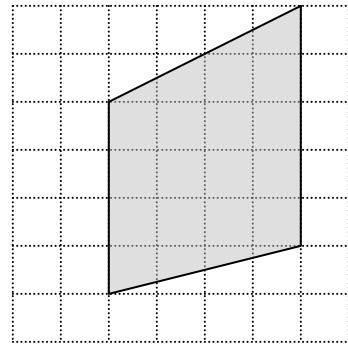
16) A= 12 squares



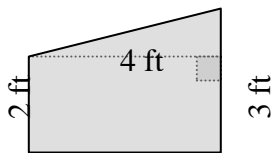
17) A= 12 squares



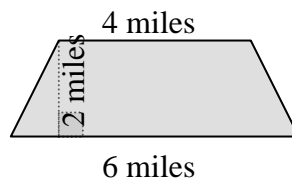
18) A= 18 squares



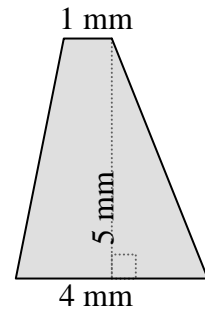
19) A= 10 sq. ft.



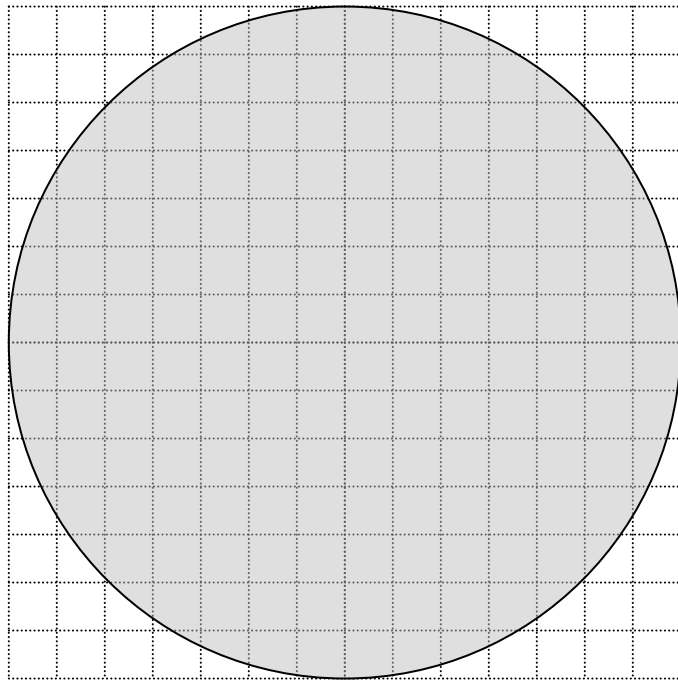
20) A= 10 sq. mi.



21) A= 12.5 sq. ft.



$$\text{Area of a Circle} = \pi r^2 \approx 3.14 \times r \times r$$



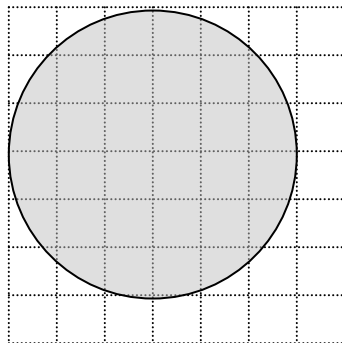
How many squares are filled in?

About 153.86 squares.

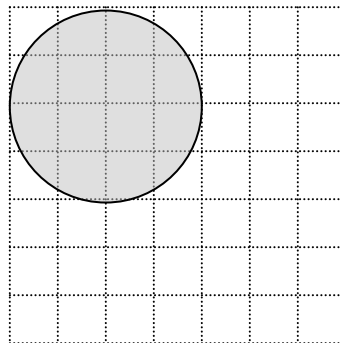
How did you get your answer?

By using the formula. Counting squares could also work, but the answer is not always accurate.

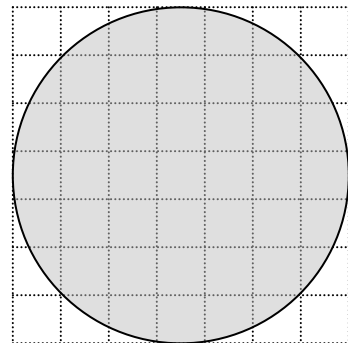
13) A= 28.26 squares



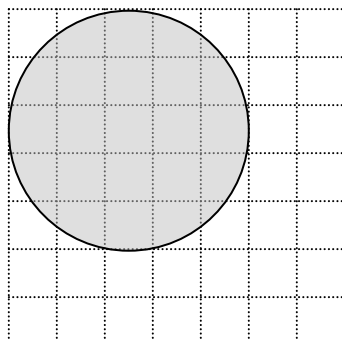
14) A= 12.56 squares



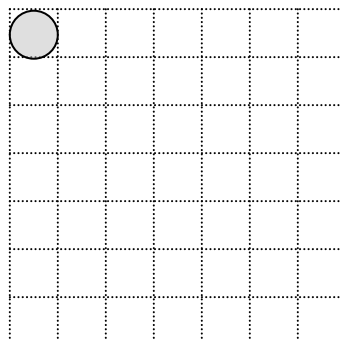
15) A= 38.465 squares



16) A= 19.625 squares



17) A= 0.785 squares



18) A= 7.065 squares

