



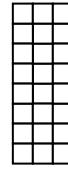
Use the grid patterns to answer each question. Each  $\square = 1$  square unit.

1st

2nd

3rd

4th



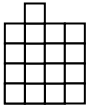
- 1) If the pattern above continues what will be the area of the 5th grid?
- 2) If the pattern above continues what will be the area of the 6th grid?

1st

2nd

3rd

4th



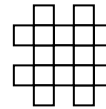
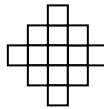
- 3) If the pattern above continues what will be the area of the 5th grid?
- 4) If the pattern above continues what will be the area of the 6th grid?

1st

2nd

3rd

4th



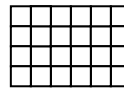
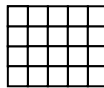
- 5) If the pattern above continues what will be the area of the 5th grid?
- 6) If the pattern above continues what will be the area of the 6th grid?

1st

2nd

3rd

4th



- 7) If the pattern above continues what will be the area of the 5th grid?
- 8) If the pattern above continues what will be the area of the 6th grid?

1st

2nd

3rd

4th



- 9) If the pattern above continues what will be the area of the 5th grid?
- 10) If the pattern above continues what will be the area of the 7th grid?

Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_



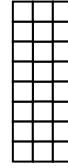
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1st

2nd

3rd

4th



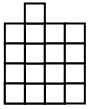
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1st

2nd

3rd

4th



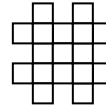
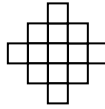
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1st

2nd

3rd

4th



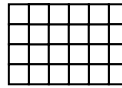
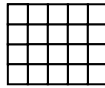
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1st

2nd

3rd

4th



- 7) If the pattern above continues what will be the area of the 5th grid?
- 8) If the pattern above continues what will be the area of the 6th grid?

1st

2nd

3rd

4th



- 9) If the pattern above continues what will be the area of the 5th grid?
- 10) If the pattern above continues what will be the area of the 7th grid?

Answers

1. 30

2. 36

3. 9

4. 7

5. 21

6. 25

7. 28

8. 32

9. 12

10. 16