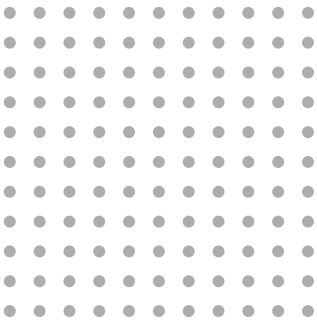
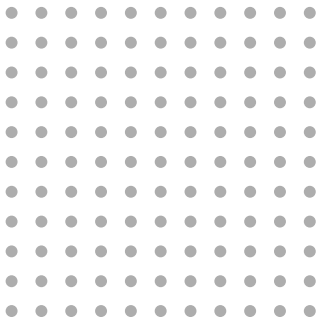
Creating Area and Perimeter Rectangles Name:

Use the diagrams below to create a rectangle with the area/perimeter shown. Each SVGREPLACE = 1 unit(u). Answer with the length and height. Answers will vary.

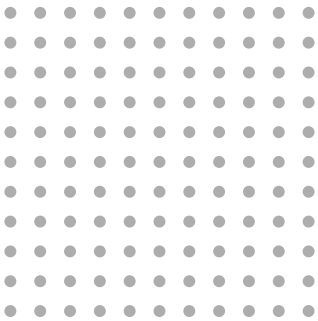
1) Area of 16 square units.



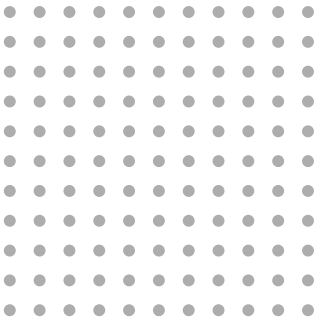
2) Perimeter of 40 units.



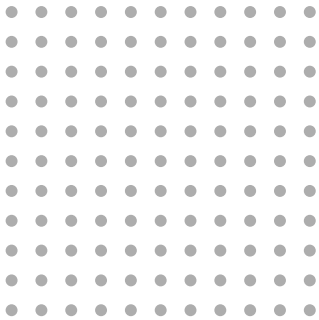
3) Perimeter of 6 units.



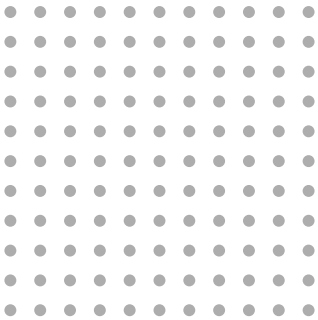
4) Perimeter of 20 units.



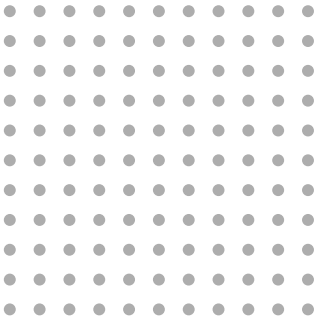
5) Perimeter of 26 units.



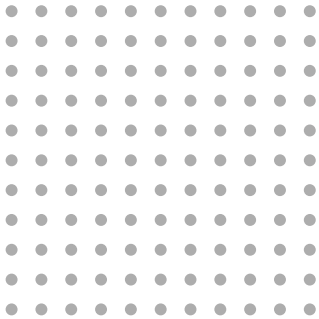
6) Area of 32 square units.



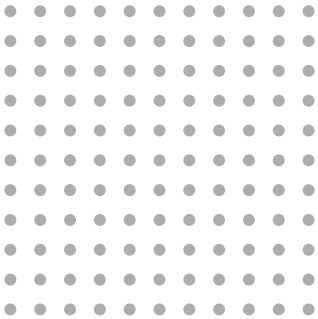
7) Area of 7 square units.



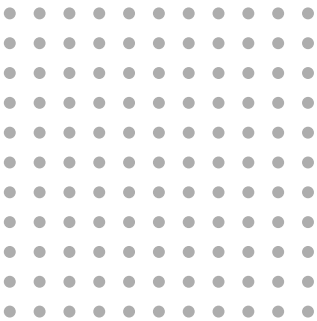
8) Area of 42 square units.



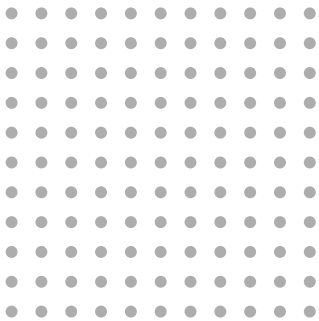
9) Perimeter of 22 units.



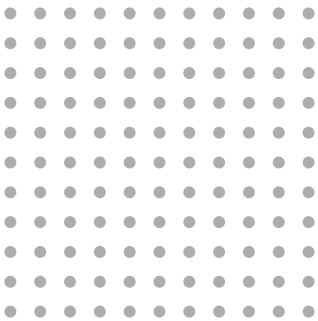
10) Perimeter of 38 units.



11) Perimeter of 8 units.



12) Area of 21 square units.



Answers

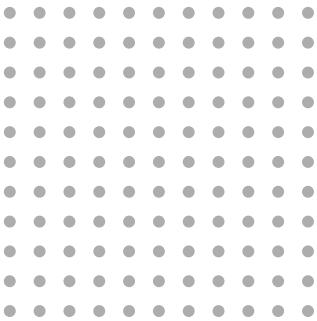
1. ____ ____ $=16u^2$
2. ____ ____ $=40u$
3. ____ ____ $=6u$
4. ____ ____ $=20u$
5. ____ ____ $=26u$
6. ____ ____ $=32u^2$
7. ____ ____ $=7u^2$
8. ____ ____ $=42u^2$
9. ____ ____ $=22u$
10. ____ ____ $=38u$
11. ____ ____ $=8u$
12. ____ ____ $=21u^2$

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

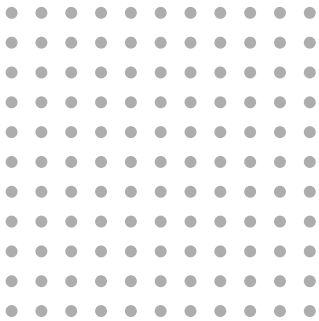
Creating Area and Perimeter Rectangles Name: **Answer Key**

Use the diagrams below to create a rectangle with the area/perimeter shown. Each SVGREPLACE = 1 unit(u). Answer with the length and height. Answers will vary.

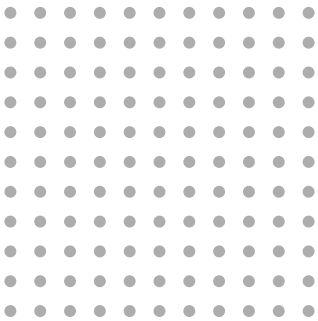
1) Area of 16 square units.



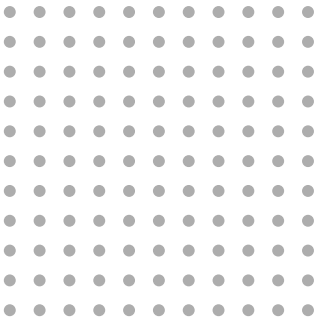
2) Perimeter of 40 units.



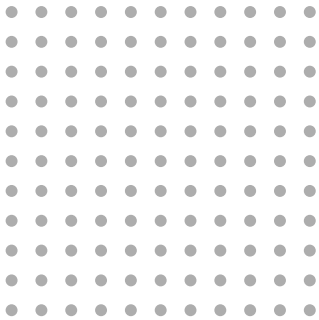
3) Perimeter of 6 units.



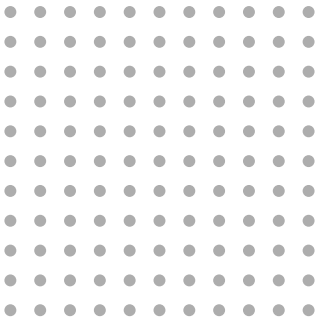
4) Perimeter of 20 units.



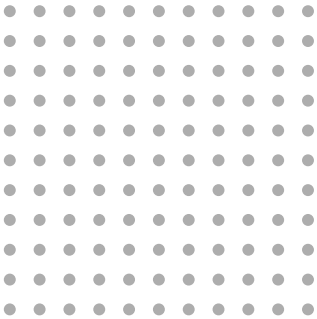
5) Perimeter of 26 units.



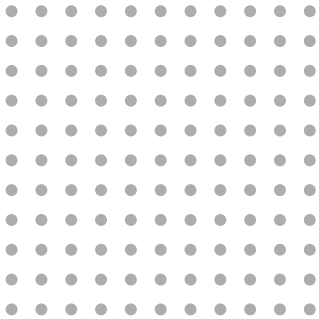
6) Area of 32 square units.



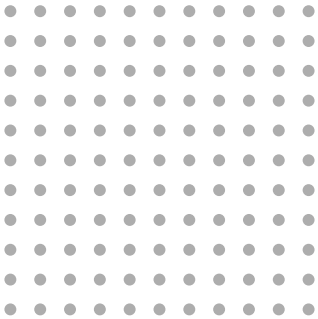
7) Area of 7 square units.



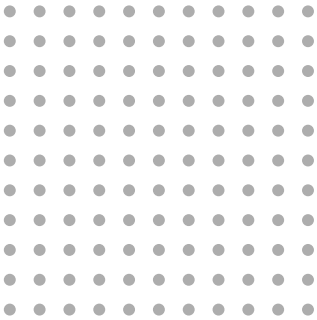
8) Area of 42 square units.



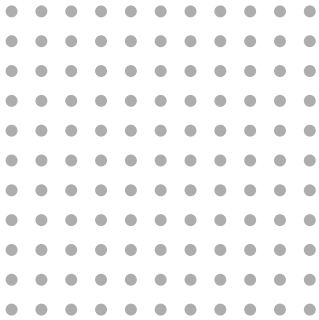
9) Perimeter of 22 units.



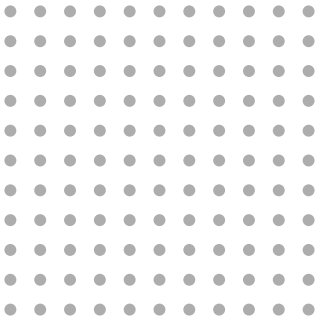
10) Perimeter of 38 units.



11) Perimeter of 8 units.



12) Area of 21 square units.



Answers

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