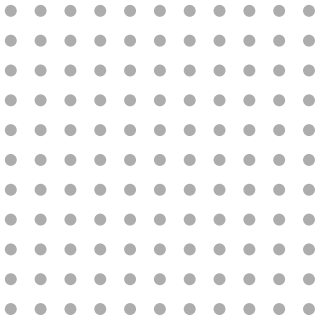
Creating Area and Perimeter Rectangles

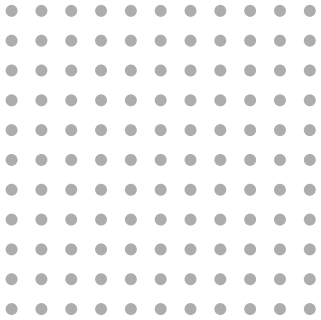
Name:

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.

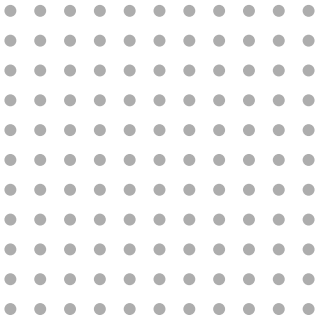
1) Perimeter of 34 units.



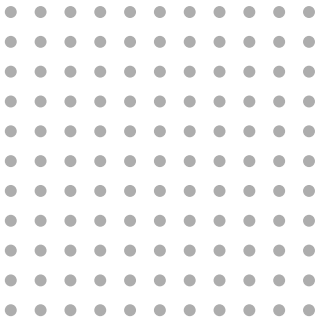
2) Area of 6 square units.



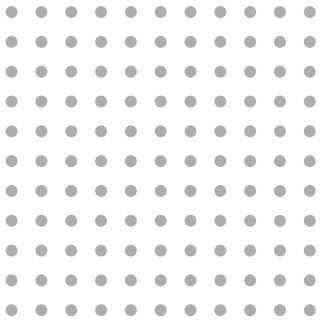
3) Perimeter of 8 units.



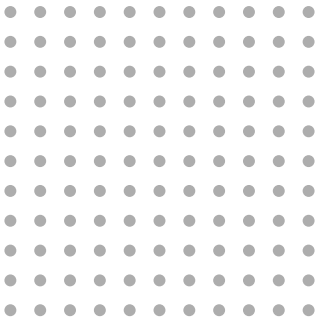
4) Area of 30 square units.



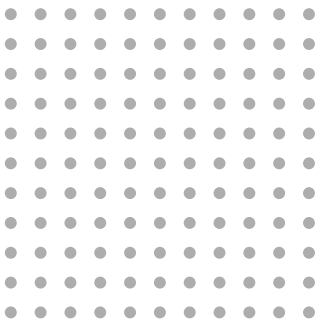
5) Area of 18 square units.



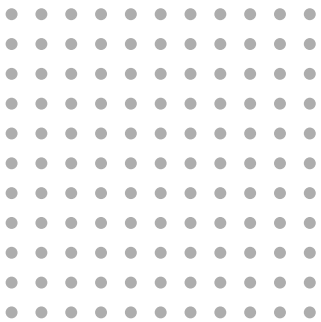
6) Perimeter of 16 units.



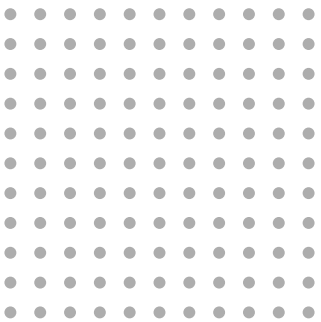
7) Area of 27 square units.



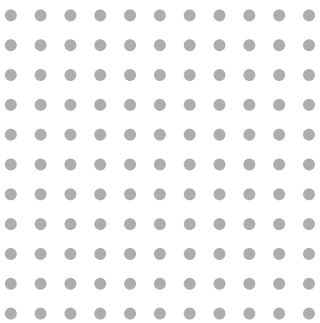
8) Area of 7 square units.



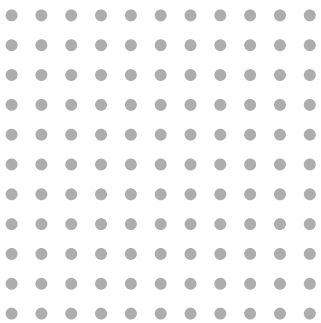
9) Area of 56 square units.



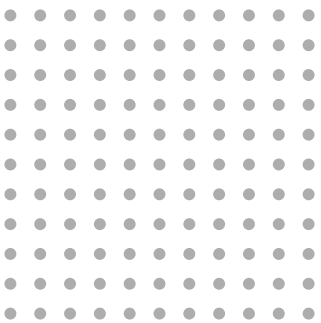
10) Perimeter of 10 units.



11) Area of 48 square units.



12) Perimeter of 22 units.



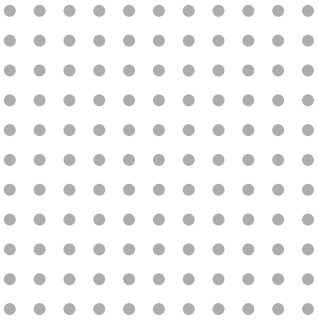
Answers

1. ____ ____ =34u
2. ____ ____ $=6u^2$
3. ____ ____ =8u
4. ____ ____ $=30u^2$
5. ____ ____ $=18u^2$
6. ____ ____ =16u
7. ____ ____ $=27u^2$
8. ____ ____ $=7u^2$
9. ____ ____ $=56u^2$
10. ____ ____ =10u
11. ____ ____ $=48u^2$
12. ____ ____ =22u

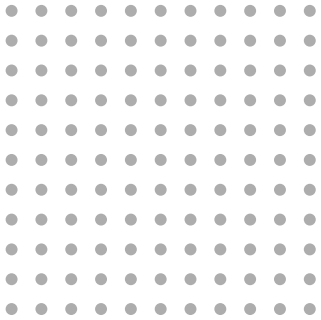
1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

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.

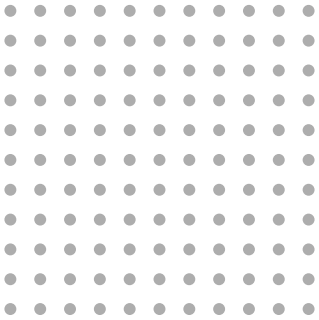
1) Perimeter of 34 units.



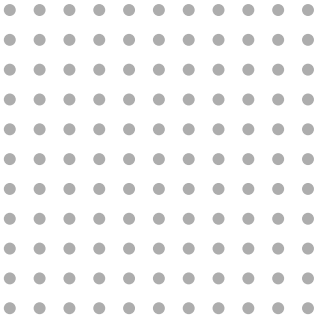
2) Area of 6 square units.



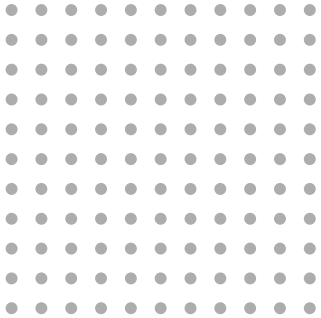
3) Perimeter of 8 units.



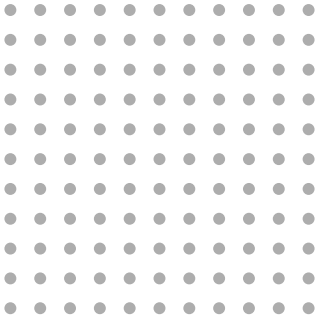
4) Area of 30 square units.



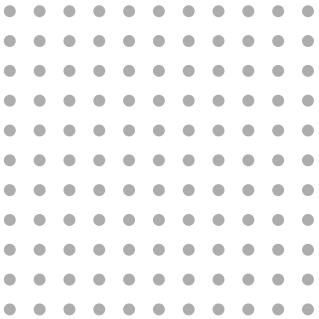
5) Area of 18 square units.



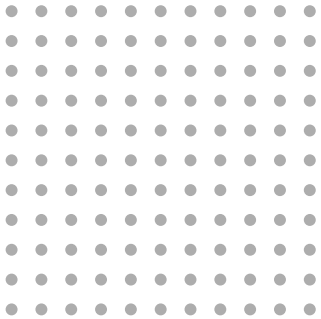
6) Perimeter of 16 units.



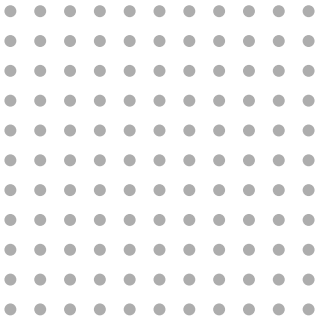
7) Area of 27 square units.



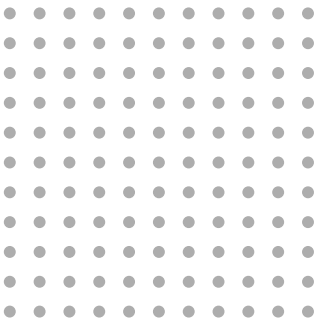
8) Area of 7 square units.



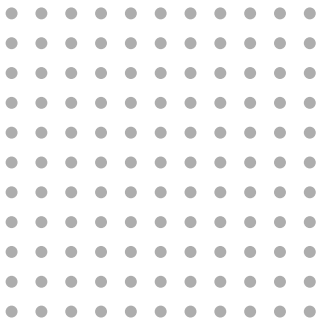
9) Area of 56 square units.



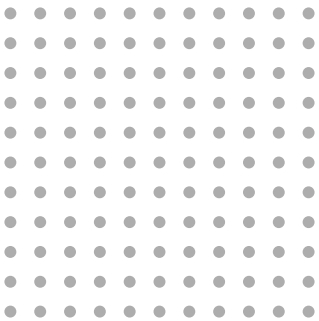
10) Perimeter of 10 units.



11) Area of 48 square units.



12) Perimeter of 22 units.



Answers

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10. ____ ____ =10u
11. ____ ____ $=48u^2$
12. ____ ____ =22u

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