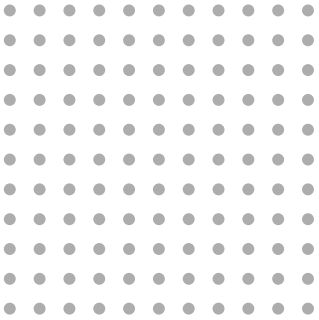
Creating Area and Perimeter Rectangles

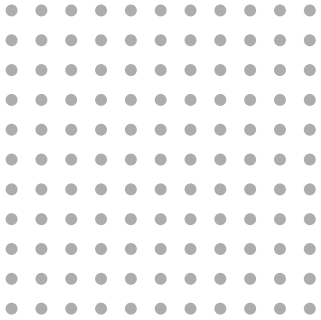
Name:

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

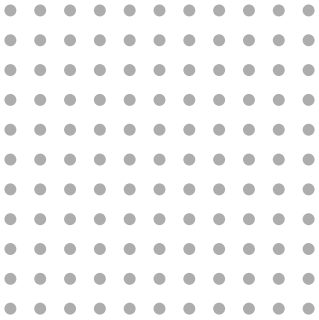
1) Perimeter of 8 units.



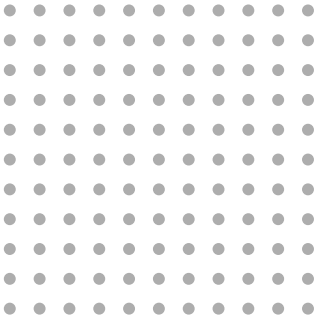
2) Perimeter of 10 units.



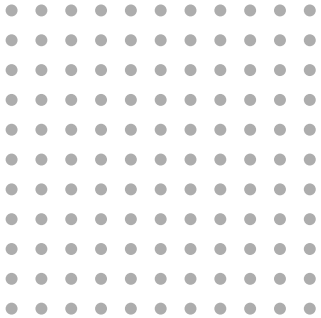
3) Area of 1 square units.



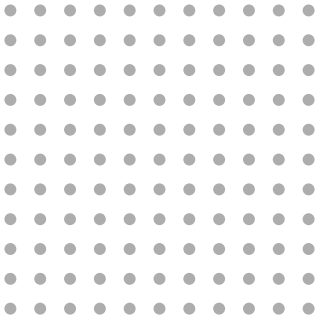
4) Area of 9 square units.



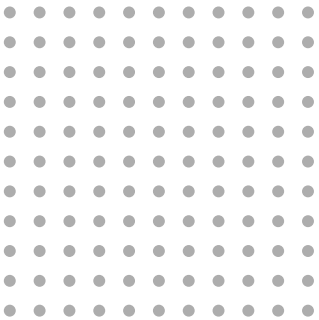
5) Area of 6 square units.



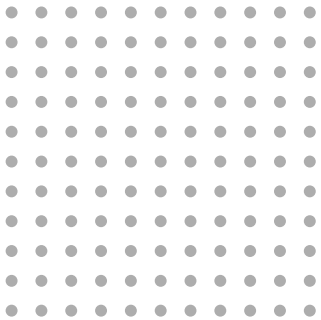
6) Perimeter of 20 units.



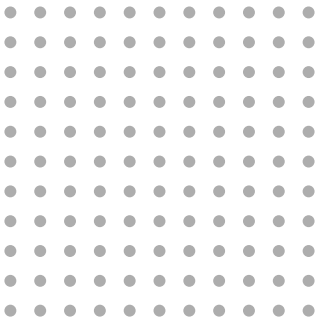
7) Area of 28 square units.



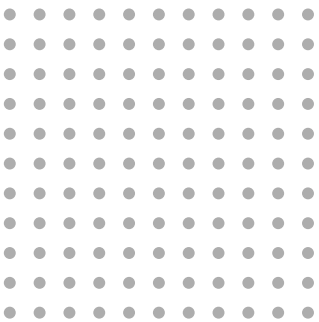
8) Area of 2 square units.



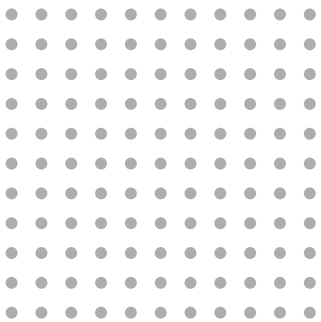
9) Perimeter of 12 units.



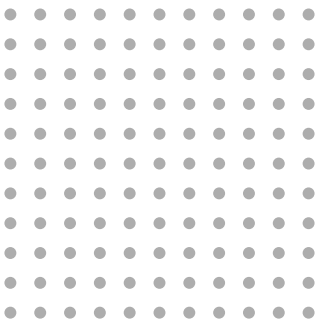
10) Area of 30 square units.



11) Area of 36 square units.



12) Perimeter of 40 units.



Answers

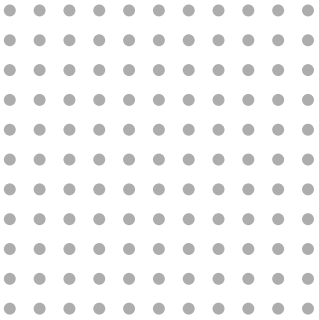
1. ____ ____ =8u
2. ____ ____ =10u
3. ____ ____ $=1u^2$
4. ____ ____ $=9u^2$
5. ____ ____ $=6u^2$
6. ____ ____ =20u
7. ____ ____ $=28u^2$
8. ____ ____ $=2u^2$
9. ____ ____ =12u
10. ____ ____ $=30u^2$
11. ____ ____ $=36u^2$
12. ____ ____ =40u

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

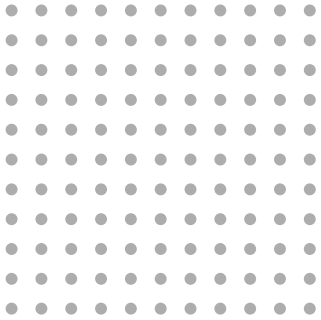
Creating Area and Perimeter Rectangles Name: **Answer Key**

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

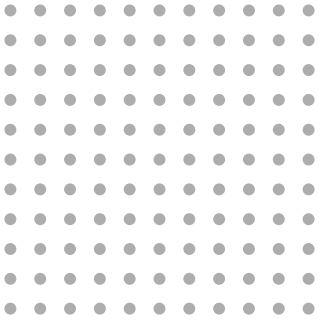
1) Perimeter of 8 units.



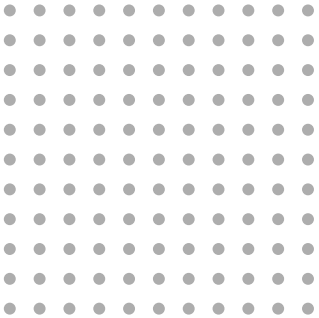
2) Perimeter of 10 units.



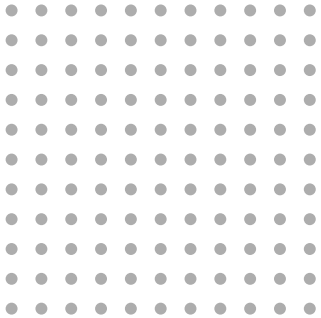
3) Area of 1 square units.



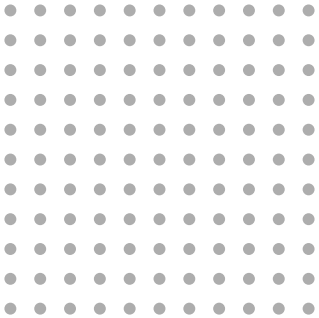
4) Area of 9 square units.



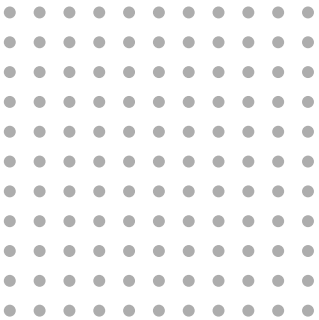
5) Area of 6 square units.



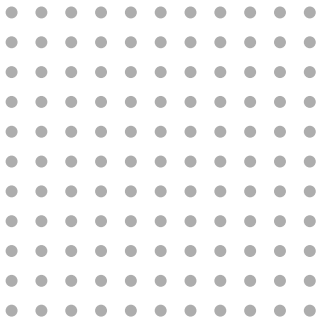
6) Perimeter of 20 units.



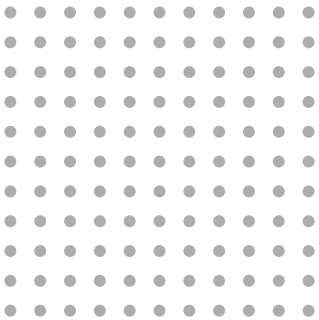
7) Area of 28 square units.



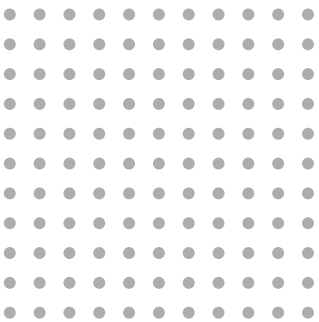
8) Area of 2 square units.



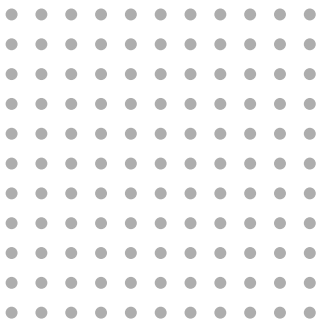
9) Perimeter of 12 units.



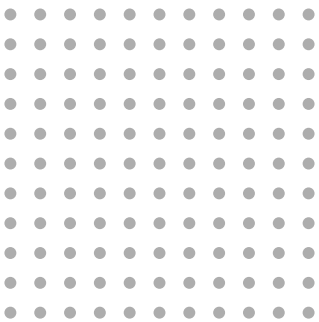
10) Area of 30 square units.



11) Area of 36 square units.



12) Perimeter of 40 units.



Answers

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