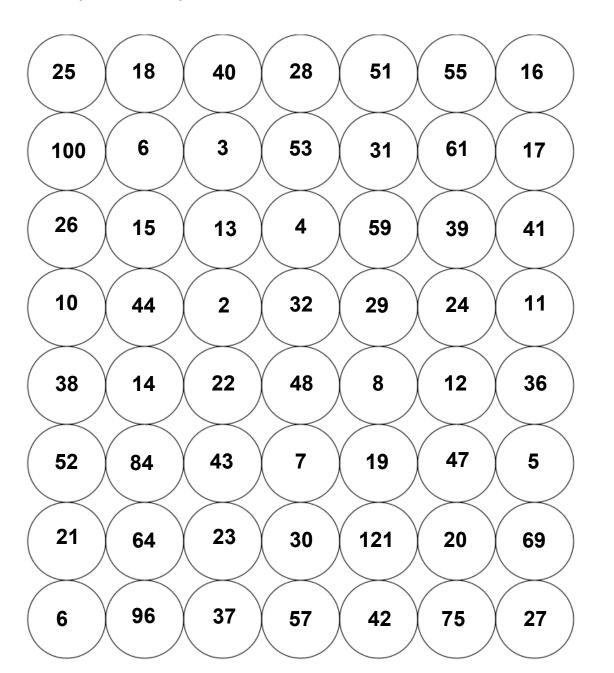# Prime Numbers
Divisible Only by 1 and Itself

Prime Numbers = A number is prime if its only factors are itself and 1.

- 19 is a **prime number** because the only factors are 1, 19. (1x19 = 19)
- 24 is a **composite number** because its factors are 1, 2, 3, 4, 6, 8, 12, 24.
- 0 and 1 are neither prime nor composite.
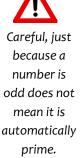- Prime numbers are used extensively in the field of computer encryption.

Directions: Shade the circles of all prime numbers. (These are quick problems. If it is composite, ignore it and move on.)

What percent of Japan is forested?

25	18	40	28	51	55	16
100	6	3	53	31	61	17
26	15	13	4	59	39	41
10	44	2	32	29	24	11
38	14	22	48	8	12	36
52	84	43	7	19	47	5
21	64	23	30	121	20	69
6	96	37	57	42	75	27

Prime Time

Careful, just because a number is odd does not mean it is automatically prime.
9, 27, 51...

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ANSWER KEY

> **Prime Numbers** = A number is prime if its only factors are itself and 1.
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> - Prime numbers are used extensively in the field of computer encryption.

Directions: Shade the circle of all prime numbers. (These are quick problems. If it is composite, ignore it and move on.)

What percent of Japan is forested? 73

25	18	40	28	51	55	16
100	6	**3**	**53**	**31**	**61**	**17**
26	15	**13**	4	**59**	39	**41**
10	44	**2**	32	**29**	24	**11**
38	14	22	48	8	12	36
52	84	**43**	**7**	**19**	**47**	**5**
21	64	**23**	30	121	20	69
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Prime Time

⚠️

Careful, just because a number is odd does not mean it is automatically prime. 9, 27, 51...