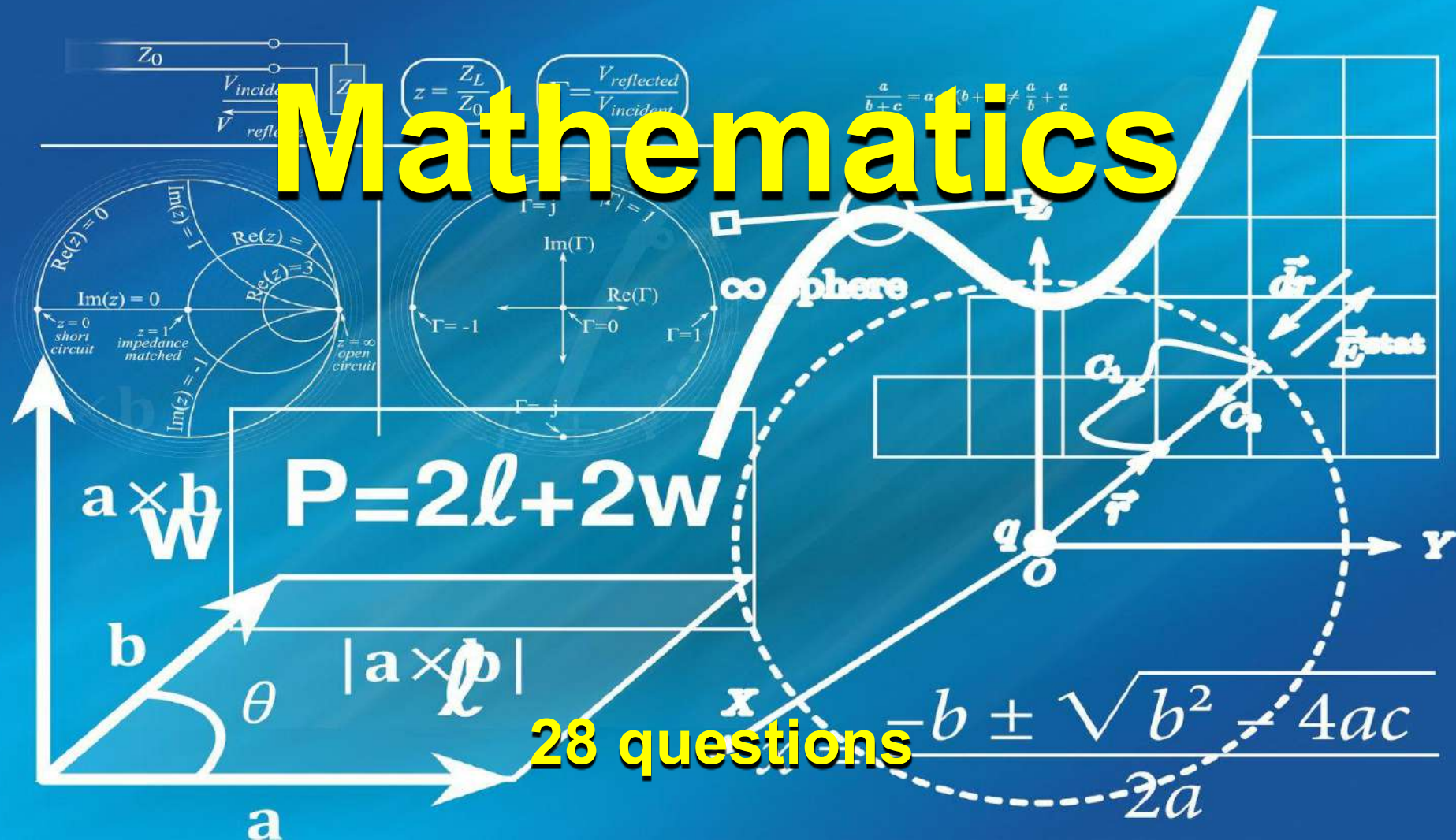


Mathematics



28 questions

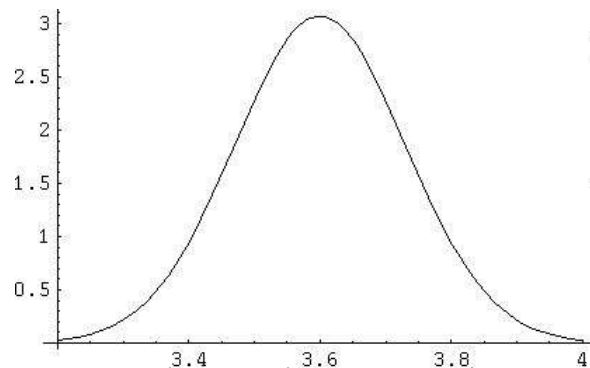
1. 素数

- a) incalculable
- b) odd number
- c) prime number

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

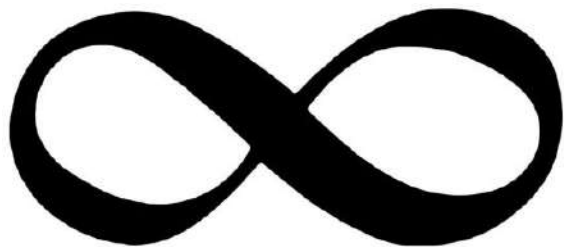
2. 正規分布

- a) bell curve
- b) hill curve
- c) both are OK



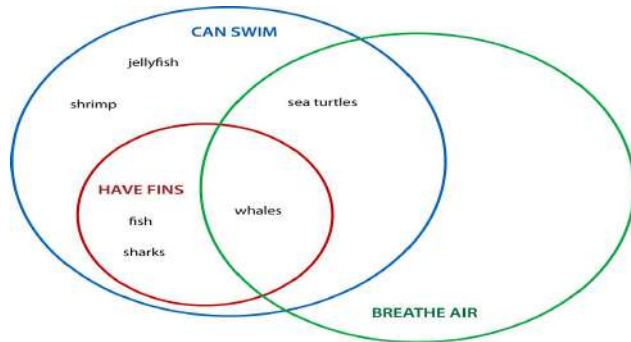
3. 無限性

- a) googol
- b) infinity
- c) really big number



4. ベン図

- a) ben diagram
- b) circle chart
- c) venn diagram



5.

- a) square cube
- b) square power
- c) square root

$$\sqrt{x}$$

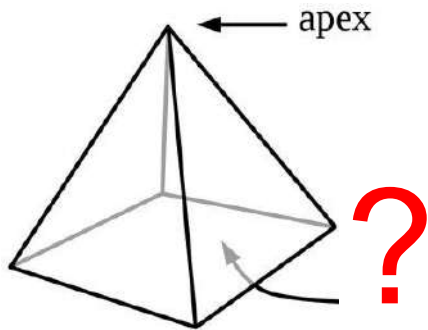
6.

- a) cubic root
- b) square root
- c) tri root

$$\sqrt[3]{8} = 2$$

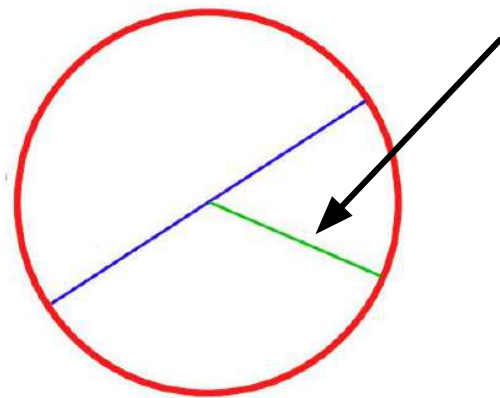
7. 底面

- a) base
- b) flat
- c) plane



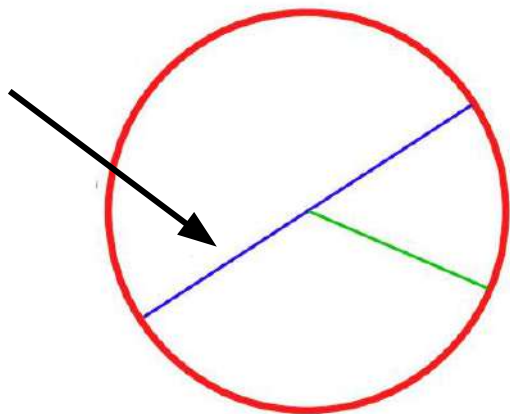
8. 半径

- a) diameter
- b) radius
- c) ulna



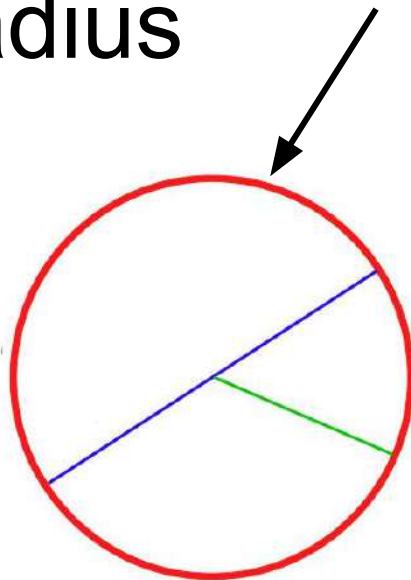
9. 直径

- a) circumference
- b) diameter
- c) radius



10. 円周

- a) circumference
- b) diameter
- c) radius



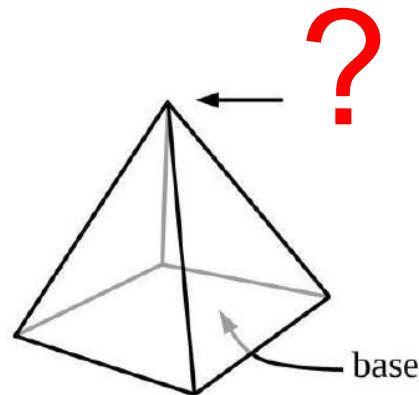
11. 数字

- a) numeral
- b) digit
- c) both are OK



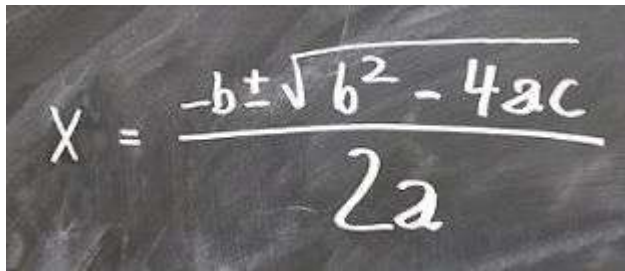
12. 頂点

- a) apex
- b) top angle
- c) corner point



13. 代数学

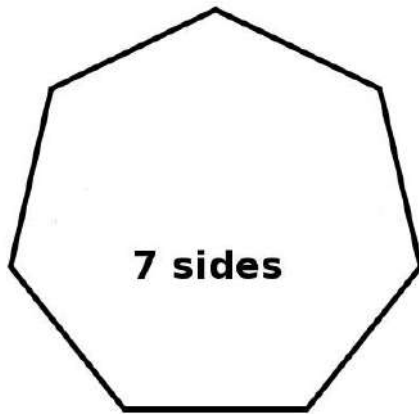
- a) statistics
- b) calculus
- c) algebra



A photograph of a chalkboard with the quadratic formula written in white chalk. The formula is
$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

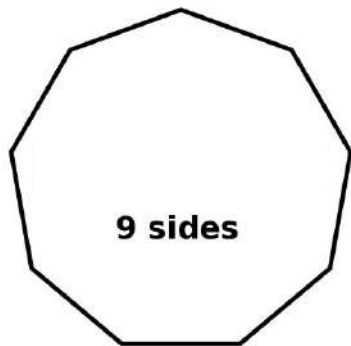
14. 七角形

- a) heptagon
- b) hexagon
- c) seven polygon



15. 九边形

- a) ninagon
- b) nonagon
- c) octagon



16.

- a) four-threes
- b) fourth-thirds
- c) three-quarters

$$\frac{3}{4}$$

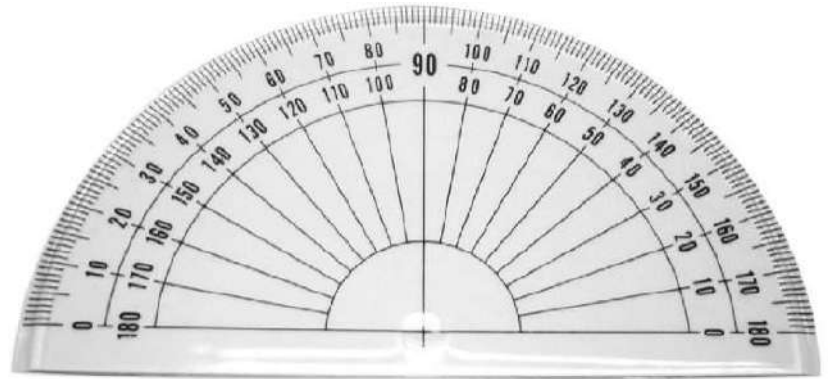
17.

- a) five-seconds
- b) second-fifths
- c) two-fifths

$\frac{2}{5}$

18. 分度器

- a) compass
- b) angle ruler
- c) protractor



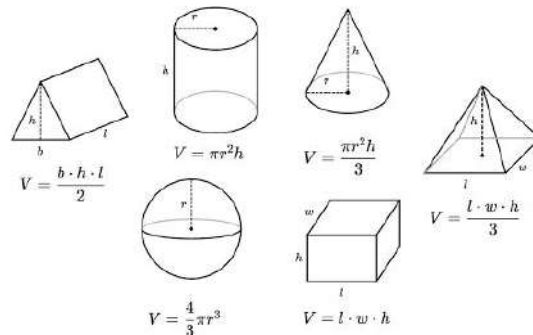
19.

- a) oh dot oh five
- b) zero dot oh five
- c) zero point zero five

0.05

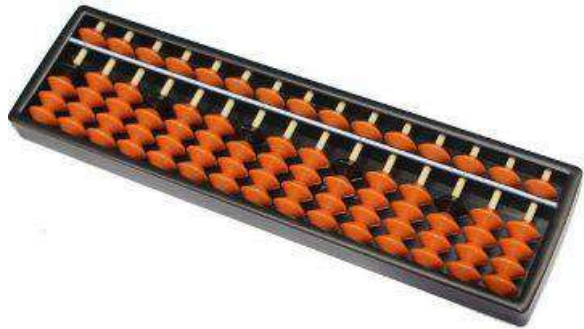
20. 幾何学

- a) statistics
- b) calculus
- c) geometry



21. そろばん

- a) abacus
- b) slide counter
- c) Chinese counter



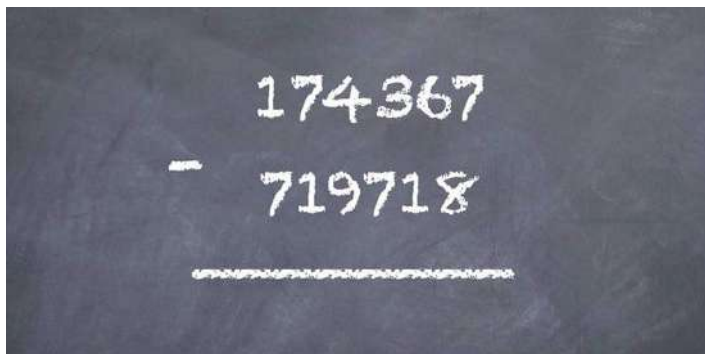
22. 足し算

- a) addition
- b) division
- c) subtraction

A blackboard with white chalk writing showing the equation $1+1=2$. The numbers and symbols are written in a simple, slightly irregular hand.

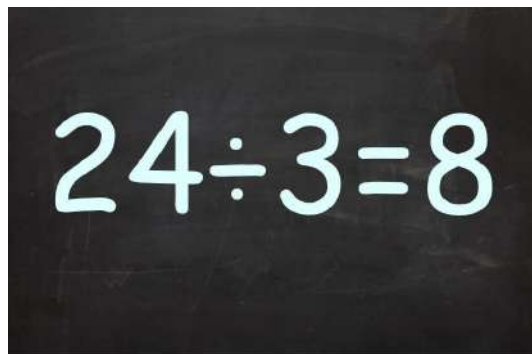
23. 引き算

- a) subtraction
- b) multiplication
- c) addition


$$\begin{array}{r} 174367 \\ - 719718 \\ \hline \end{array}$$

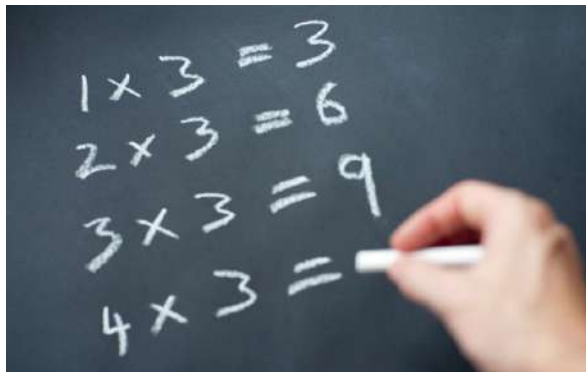
24. 割り算

- a) addition
- b) division
- c) multiplication


$$24 \div 3 = 8$$

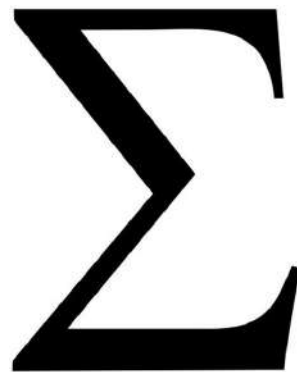
25. 掛け算

- a) addition
- b) multiplication
- c) times



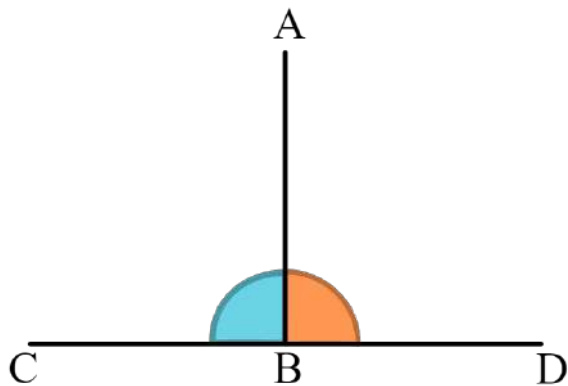
26. 合計

- a) sum
- b) total
- c) both are OK



27. 垂直の

- a) addition
- b) multiplication
- c) perpendicular



28. 因数 / 積

- a) factor / product
- b) factotum / sum
- c) fact / factor

因数 積

$$3 \times 4 = 12$$

The diagram shows the equation $3 \times 4 = 12$. Above the number 3 is the Japanese word '因数' (factor), and above the number 4 is the Japanese word '積' (product). Arrows point from these words to their respective numbers. The number 12 is also labeled with '積' (product) above it, with an arrow pointing down to it.

END