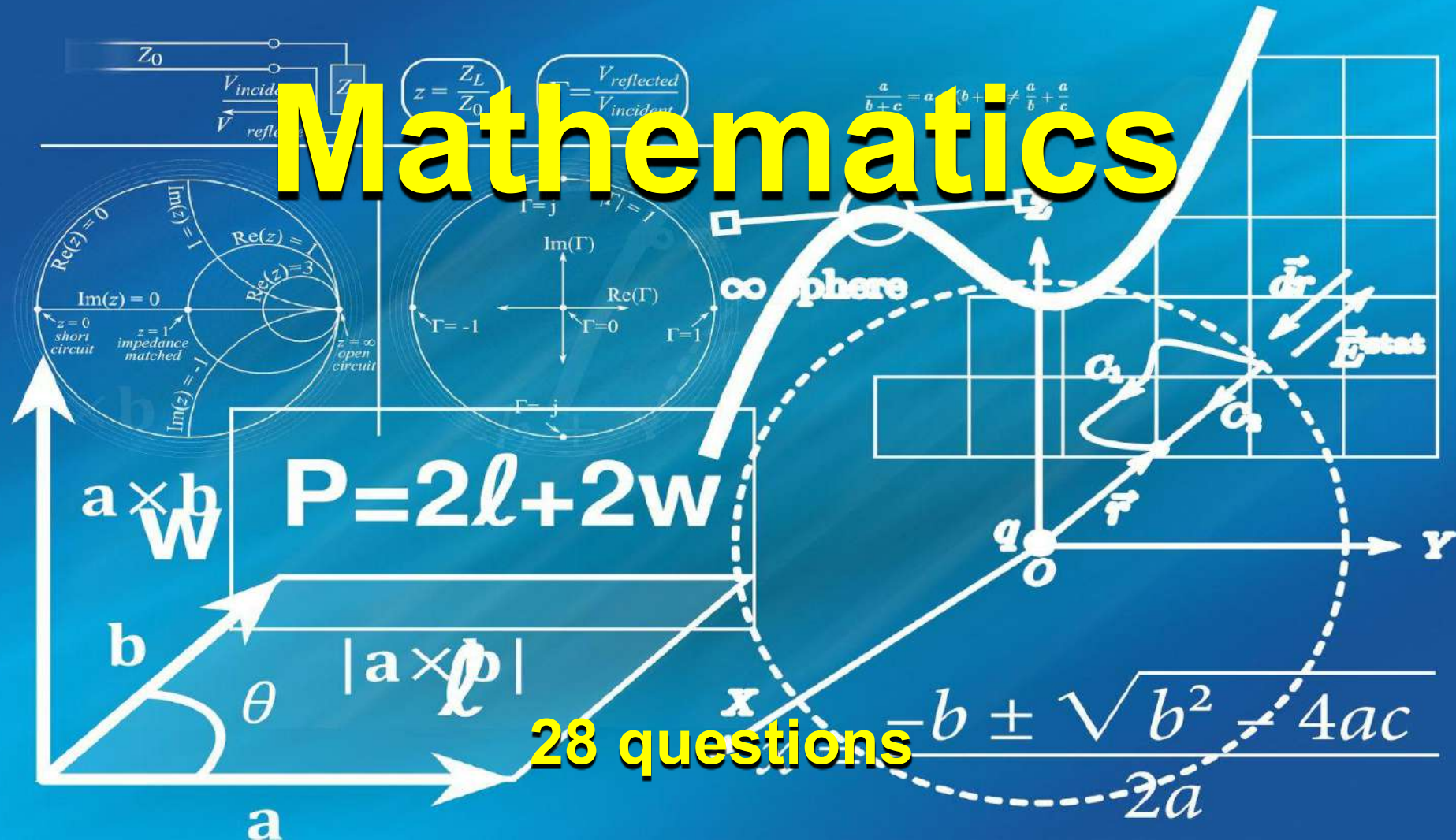


Mathematics



28 questions

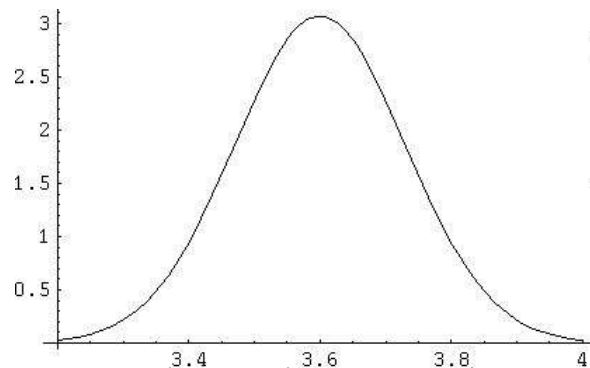
1. 素数

- 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

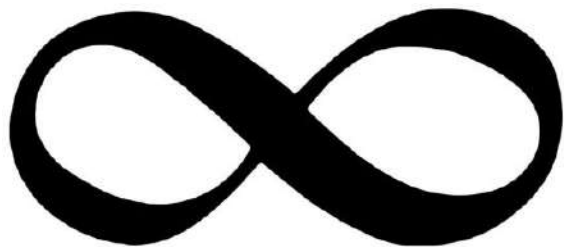
2. 正規分布

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



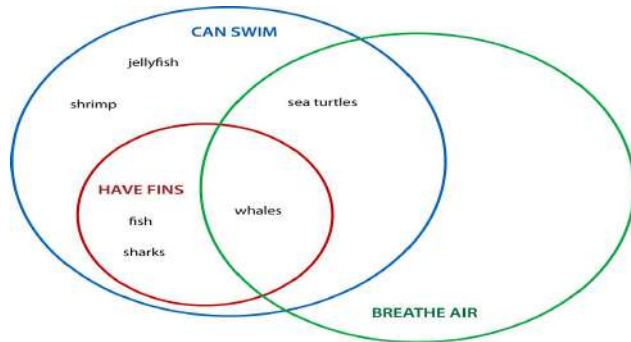
3. 無限性

- 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

$$\sqrt{x}$$

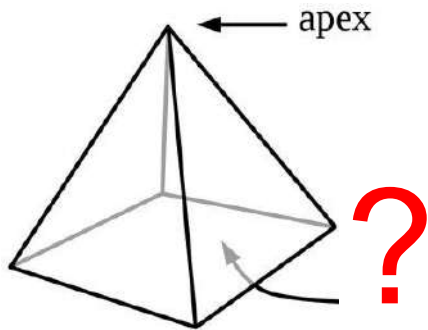
7.

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

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

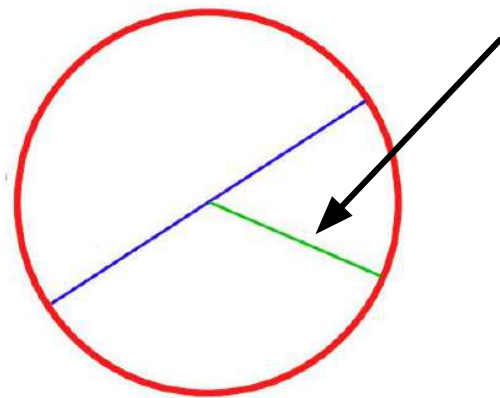
7. 底面

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



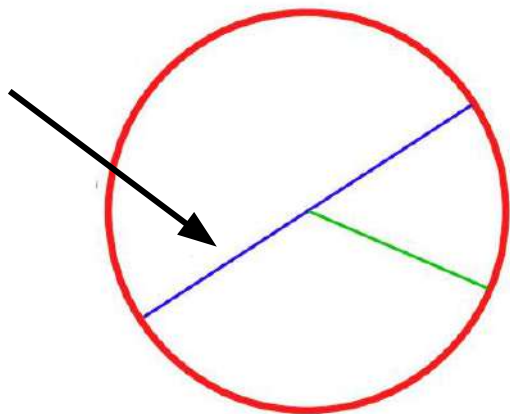
8. 半径

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



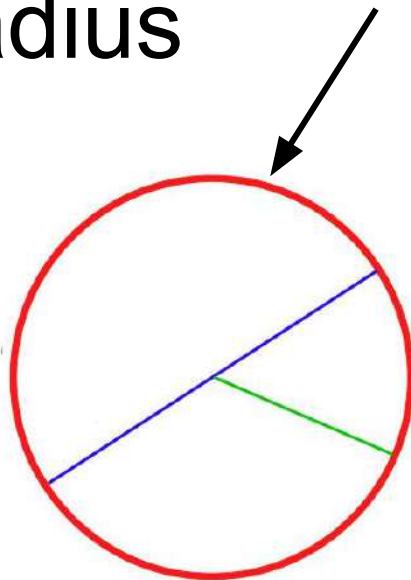
9. 直径

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



10. 円周

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



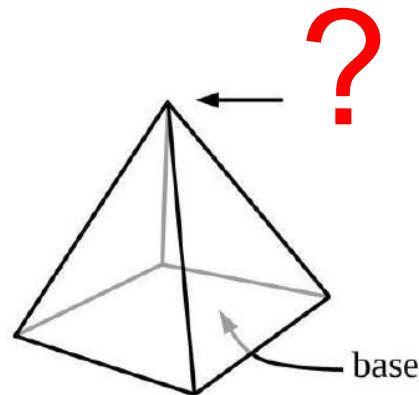
11. 数字

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



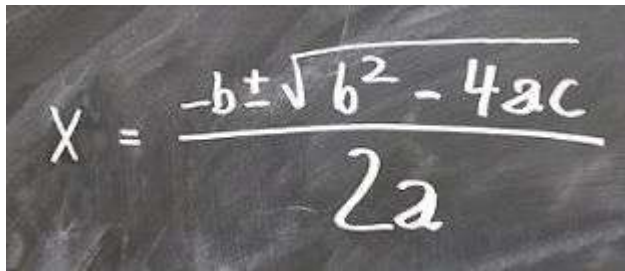
12. 頂点

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



13. 代数学

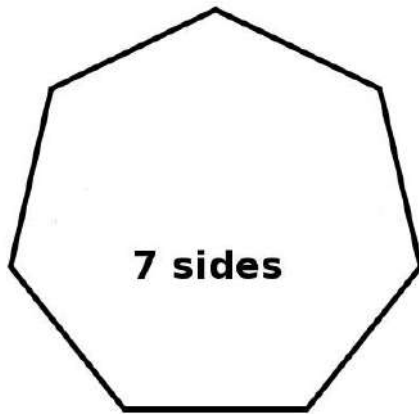
- a) statistics
- b) calculus
- c) algebra



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

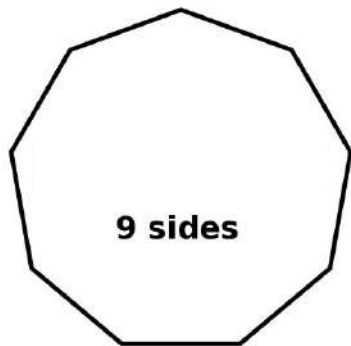
14. 七角形

- 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

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

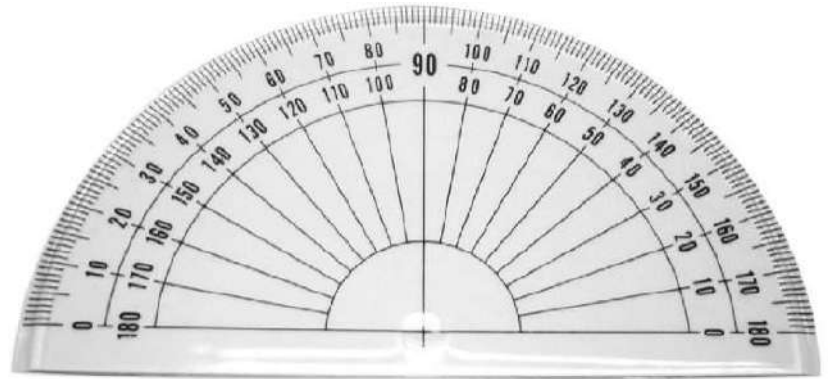
17.

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

$\frac{2}{5}$

18. 分度器

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



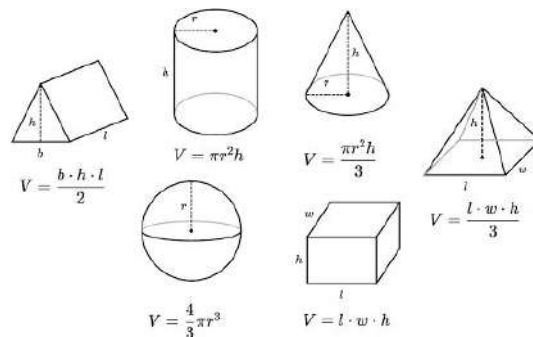
19.

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

0.05

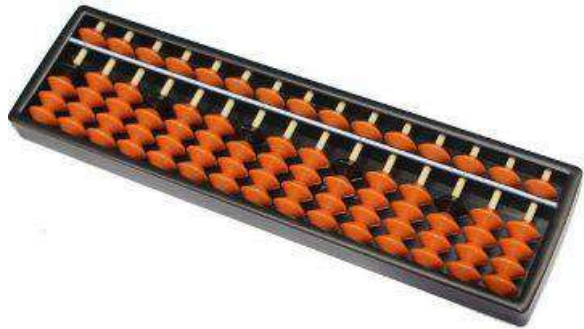
20. 幾何学

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



21. そろばん

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



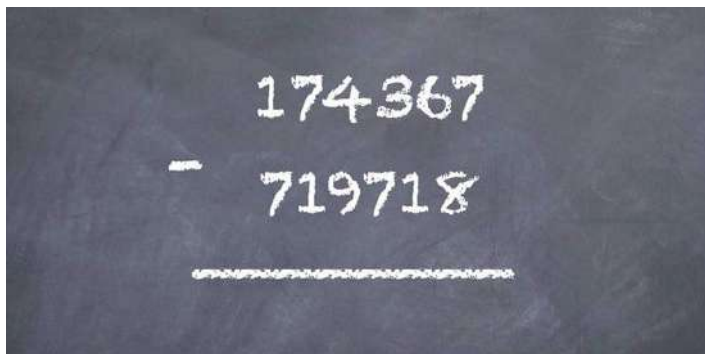
22. 足し算

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

A blackboard with the equation $1+1=2$ written in white chalk. The numbers and symbols are clearly visible against the dark background.

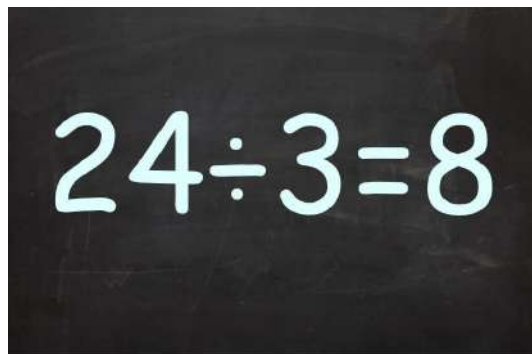
23. 引き算

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


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

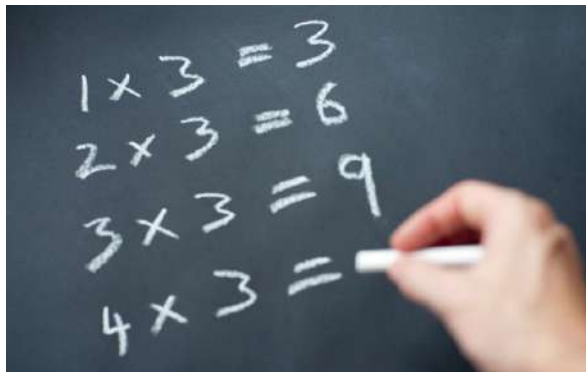
24. 割り算

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


$$24 \div 3 = 8$$

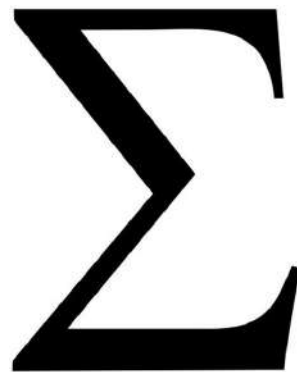
25. 掛け算

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



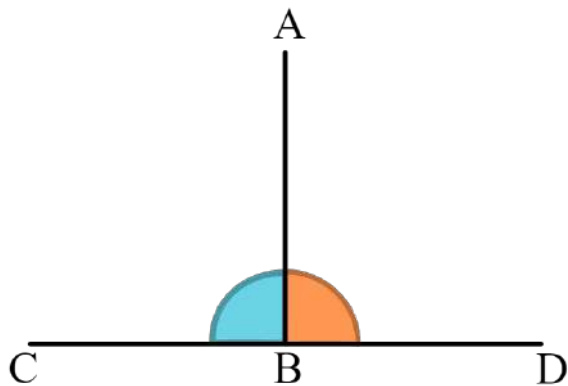
26. 合計

- 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) with a blue arrow pointing to it. Above the number 4 is the Japanese word '積' (product) with a red arrow pointing to it. The number 12 is also in red.

END

Answer the questions here

There will be an open-book test for
these questions.

Make notes.

(open-book test = 教科書持ち込み可のテスト)