

SEARCH FOR THE WORD

Once you have answered the questions, find the word/s on the grid provided. The words may read forwards, backwards or diagonally.

F	T	L	L	A	R	E	T	A	L	I	U	Q	E	S	S
I	O	P	L	S	V	P	A	R	A	L	L	E	L	T	E
F	M	R	S	O	D	D	R	A	E	Y	P	A	E	L	P
T	W	O	T	C	O	M	P	O	S	I	T	E	G	D	T
Y	R	U	T	N	E	C	Q	N	T	H	I	N	K	G	E
G	N	A	C	W	I	U	O	H	O	W	A	O	I	R	T
N	E	V	E	S	E	G	A	N	S	I	W	C	R	I	S
F	S	E	R	Q	A	N	H	I	R	E	T	A	U	U	C
O	K	M	O	T	P	E	N	T	A	G	O	N	W	T	T
U	H	O	C	B	A	K	E	R	S	D	O	Z	E	N	E
R	O	O	S	W	H	S	S	O	R	G	T	A	E	R	G
E	N	E	L	A	C	S	Q	P	R	O	D	U	C	T	E
D	E	C	A	D	E	M	U	I	N	N	E	L	L	I	M
S	N	O	T	E	Q	U	A	L	S	U	I	D	A	R	I
B	Q	T	H	G	I	A	R	T	S	O	C	T	E	T	R
P	I	O	X	E	L	F	E	R	E	S	U	T	B	O	P

1. A period of a thousand years.
2. A group of seven people.
3. 12 gross.
4. A triangle with equal sides and equal angles.
5. A polygon with 8 sides.
6. A period of 10 years.
7. Special name for the number 20.
8. A polygon with 3 sides.
9. A period of 14 days.
10. 12 dozen.
11. Special name for one more than a dozen.
12. A quadrilateral with all sides equal.
13. A period of 366 days.
14. A polygon with 5 sides.
15. A period of 100 years.
16. Name for the symbol π
17. Numbers with only two factors, 1 and itself.
18. A group of 3 people.
19. Numbers with more than two factors.
20. A period of 7 days.
21. An angle greater than 180°
22. Value of Roman numeral L.
23. Number of months with 31 days.
24. Number in a brace.
25. The meaning of the symbol II.
26. Any number NOT divisible by 2.
27. An angle smaller than 90°
28. An angle of 180°
29. A triangle with no sides equal, no angles equal.
30. Name given to the answer of a multiplication sum.
31. Meaning of the symbol \neq
32. Name for the distance from the centre of a circle to the circumference.
33. An angle greater than 90°
34. Number of right angles in a square.
35. A group of eight musicians.

VERY MIXED NUMBERS!

Remembering the rules for the Order of Operations, solve the following equations. A selection of answers is given, however you must work out both questions and answers to find the matching pairs.

QUESTIONS

Matching Pairs

1. $\sqrt{625} + 2^3 + \frac{1}{2}$ of 12^2
2. A millennium $\div 10^2 \times 7,5$
3. $\frac{1}{4}$ of $180 \times (0,75 + 2\frac{1}{4})$
4. $3^3 \times (1,35 + 0,65)$
5. $\frac{1}{2} \times 4^3 + \sqrt{256}$
6. $(\frac{35}{4} \times \frac{4}{5})^2 + (1^{\text{st}} \text{ natural number})$
7. $(\sqrt{156,25} + \frac{5}{2}) \times 2^4 \div 10$
8. (The reciprocal of $\frac{1}{4}$) $\times 5\frac{1}{4} + 4^3$
9. $(2\frac{1}{4} + \frac{7}{4}) \times 3^2 \div 2^2$
10. $(1^{\text{st}} \text{ composite number})^2 - 2^2$

ANSWERS

- a) $\sqrt{28561} - 68 \times 0,5$
- b) $10^2 - (3^{\text{rd}} \text{ multiple of } 5)$
- c) $0,24 \times (12^2 - 11 \times 4)$
- d) $10^2 + 5$
- e) $8^2 + (5^{\text{th}} \text{ prime number})$
- f) $2^6 - 4^2$
- g) $\sqrt{3025} - 1^4$
- h) $10\frac{7}{9} - 1\frac{7}{9}$
- i) $(1 \text{ score})^2 \div 5^2 + 2^2$
- j) $5^2 + \sqrt{625}$