

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

HINTS

nanoparticle

nanometer

catalyst

ceramic

composite

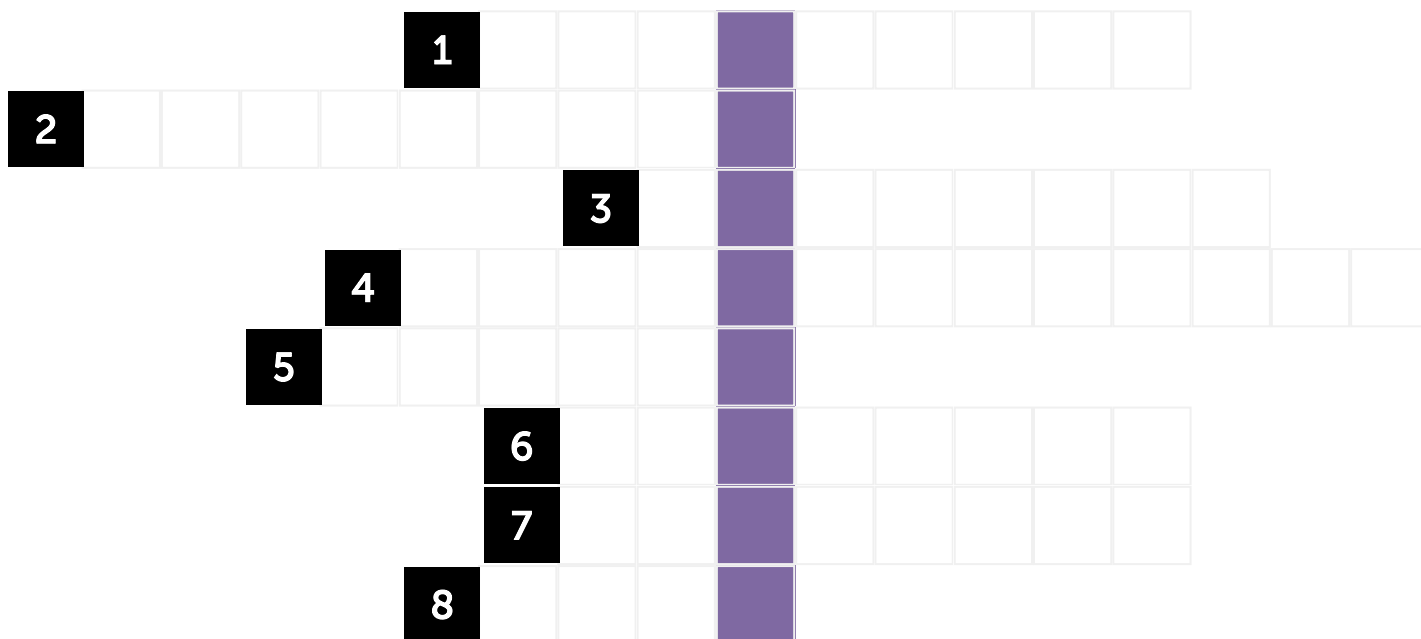
surfacearea

atom

bulk

polymer

metal



HINTS

- 1 Consists of two or more materials with different properties to make a new material with more suitable properties
- 2 1×10^{-9} m (or 0.000000001 m)
- 3 Can be transparent or opaque and they are often tough and flexible, but some are hard and brittle
- 4 A nanoparticulate substance is a substance that consists of _____
- 5 surface area to _____ ratio
- 6 glass _____ are made by melting sand with other substances
- 7 Compared to the same substance in bulk, nanoparticulates might be more efficient and speed up chemical reactions
- 8 _____ ceramics are made by heating _____ to high temperatures, causing crystals to form and join