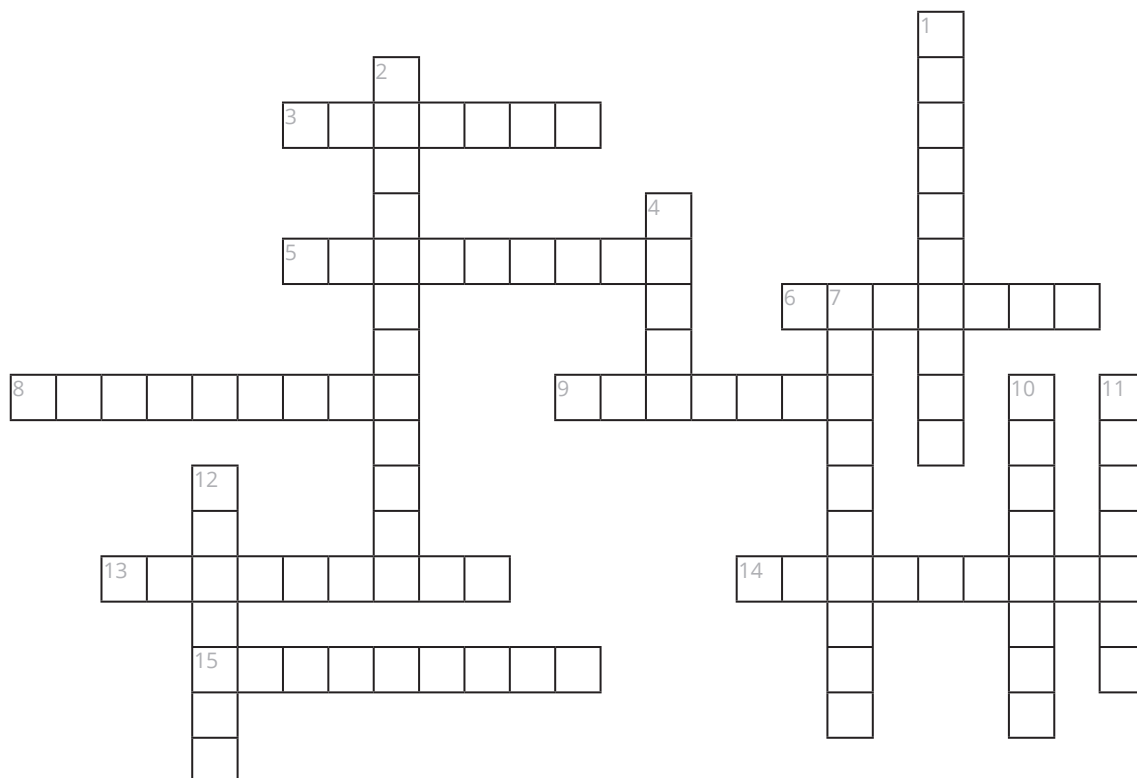




# Materials Crossword Bronze



brittle	conductor	ductile	malleable	polymer
ceramic	density	extracting	metal	potassium
composite	displacement	insulator	platinum	unreactive

## Across

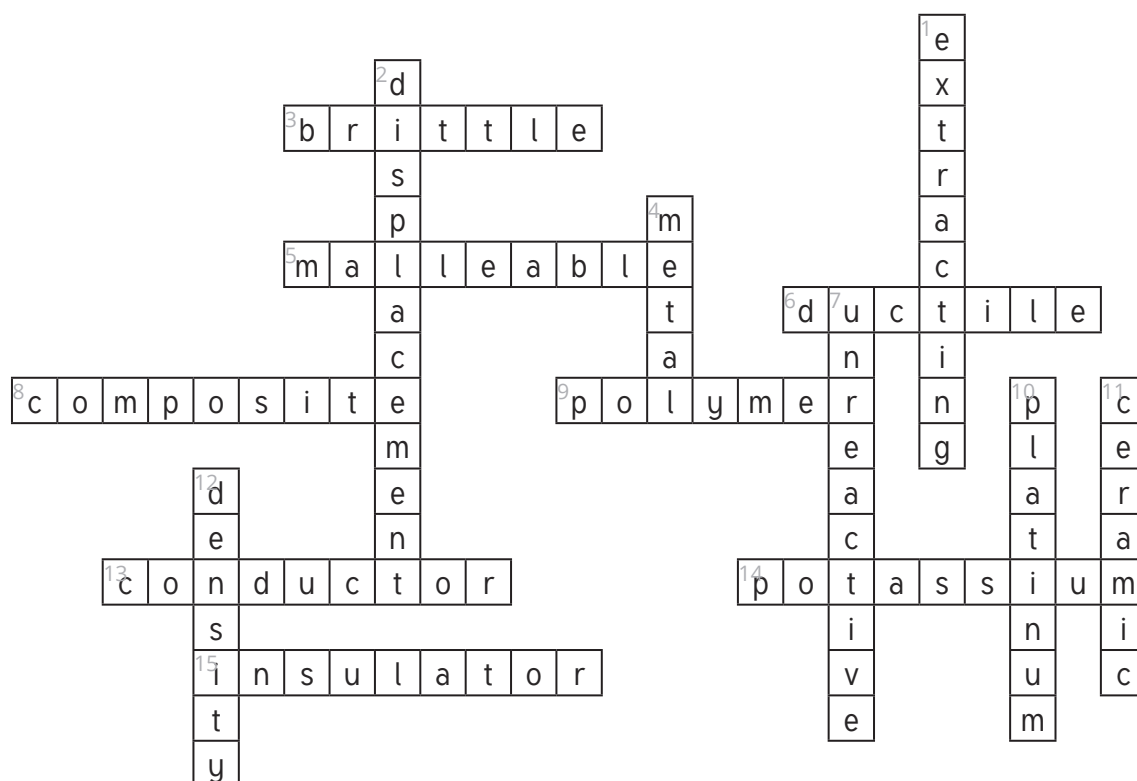
3. A property of a material that means it will easily break. [7]
5. Can easily be hammered into a new shape. [9]
6. Can be drawn out into wire. [7]
8. A combination of two or more materials made to achieve a material with many advantageous properties. [9]
9. A long chain of many smaller parts-plastics. [7]
13. A material that will allow energy (heat or electrical) to pass through it easily. [9]
14. The most reactive metal on the reactivity series. [9]
15. A material that will reduce energy (heat or electrical) passing through it. [9]

## Down

1. To remove something from something or somewhere else, e.g. how metal is obtained from an ore. [10]
2. Type of reaction where one substance takes the position of another. [12]
4. A solid material that has common properties such as shiny, ductile, malleable and a good conductor. [5]
7. A substance that does not take part in chemical reactions. [10]
10. The least reactive metal on the reactivity series. [8]
11. A material made from hardened clay. [7]
12. The amount of mass in a given volume. [7]



# Materials Crossword Bronze Answers



brittle	conductor	ductile	malleable	polymer
ceramic	density	extracting	metal	potassium
composite	displacement	insulator	platinum	unreactive

## Across

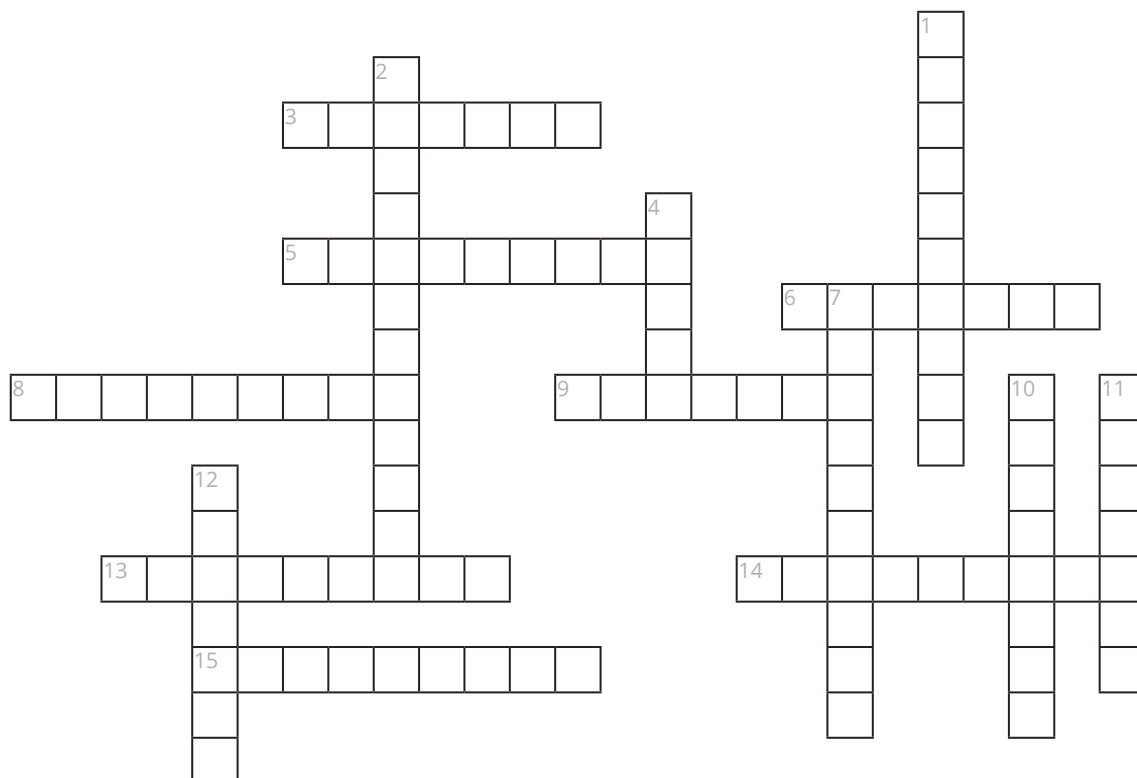
3. A property of a material that means it will easily break. [7]
5. Can easily be hammered into a new shape. [9]
6. Can be drawn out into wire. [7]
8. A combination of two or more materials made to achieve a material with many advantageous properties. [9]
9. A long chain of many smaller parts-plastics. [7]
13. A material that will allow energy (heat or electrical) to pass through it easily. [9]
14. The most reactive metal on the reactivity series. [9]
15. A material that will reduce energy (heat or electrical) passing through it. [9]

## Down

1. To remove something from something or somewhere else, e.g. how metal is obtained from an ore. [10]
2. Type of reaction where one substance takes the position of another. [12]
4. A solid material that has common properties such as shiny, ductile, malleable and a good conductor. [5]
7. A substance that does not take part in chemical reactions. [10]
10. The least reactive metal on the reactivity series. [8]
11. A material made from hardened clay. [7]
12. The amount of mass in a given volume. [7]



# Materials Crossword Silver



## Across

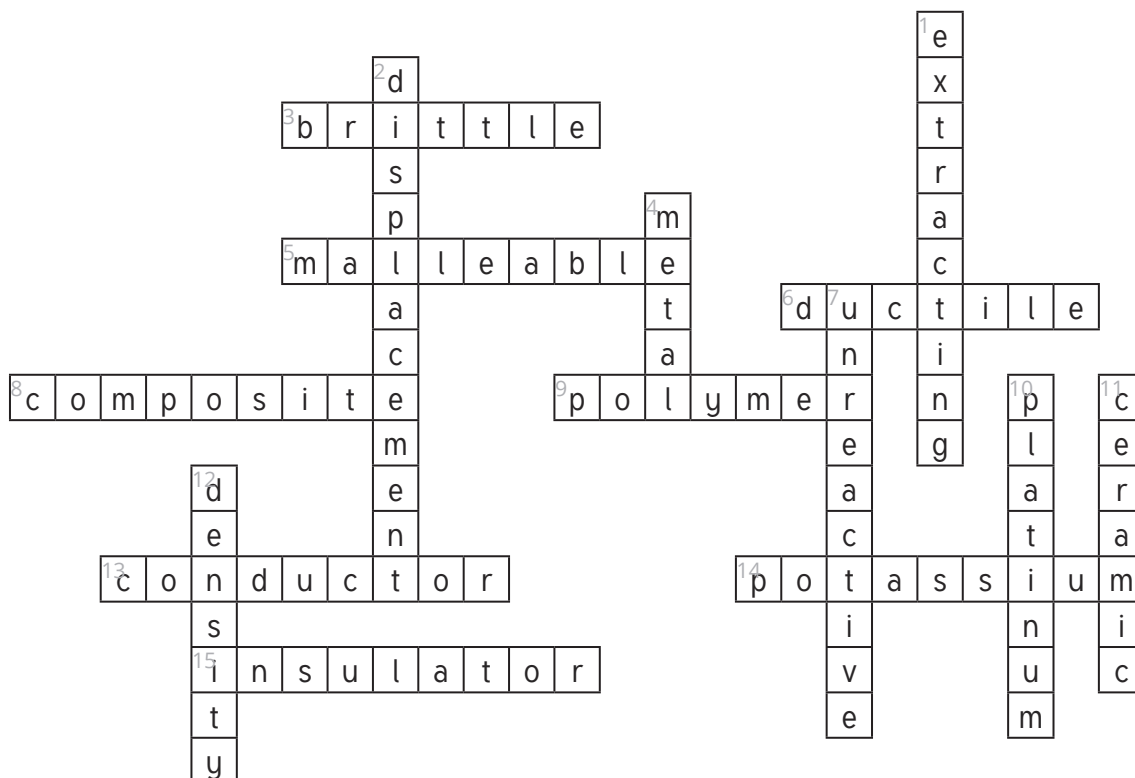
3. A property of a material that means it will easily break. [7]
5. Can easily be hammered into a new shape. [9]
6. Can be drawn out into wire. [7]
8. A combination of two or more materials made to achieve a material with many advantageous properties. [9]
9. A long chain of many smaller parts-plastics. [7]
13. A material that will allow energy (heat or electrical) to pass through it easily. [9]
14. The most reactive metal on the reactivity series. [9]
15. A material that will reduce energy (heat or electrical) passing through it. [9]

## Down

1. To remove something from something or somewhere else, e.g. how metal is obtained from an ore. [10]
2. Type of reaction where one substance takes the position of another. [12]
4. A solid material that has common properties such as shiny, ductile, malleable and a good conductor. [5]
7. A substance that does not take part in chemical reactions. [10]
10. The least reactive metal on the reactivity series. [8]
11. A material made from hardened clay. [7]
12. The amount of mass in a given volume. [7]



# Materials Crossword Silver Answers



brittle	conductor	ductile	malleable	polymer
ceramic	density	extracting	metal	potassium
composite	displacement	insulator	platinum	unreactive

## Across

3. A property of a material that means it will easily break. [7]
5. Can easily be hammered into a new shape. [9]
6. Can be drawn out into wire. [7]
8. A combination of two or more materials made to achieve a material with many advantageous properties. [9]
9. A long chain of many smaller parts-plastics. [7]
13. A material that will allow energy (heat or electrical) to pass through it easily. [9]
14. The most reactive metal on the reactivity series. [9]
15. A material that will reduce energy (heat or electrical) passing through it. [9]

## Down

1. To remove something from something or somewhere else, e.g. how metal is obtained from an ore. [10]
2. Type of reaction where one substance takes the position of another. [12]
4. A solid material that has common properties such as shiny, ductile, malleable and a good conductor. [5]
7. A substance that does not take part in chemical reactions. [10]
10. The least reactive metal on the reactivity series. [8]
11. A material made from hardened clay. [7]
12. The amount of mass in a given volume. [7]