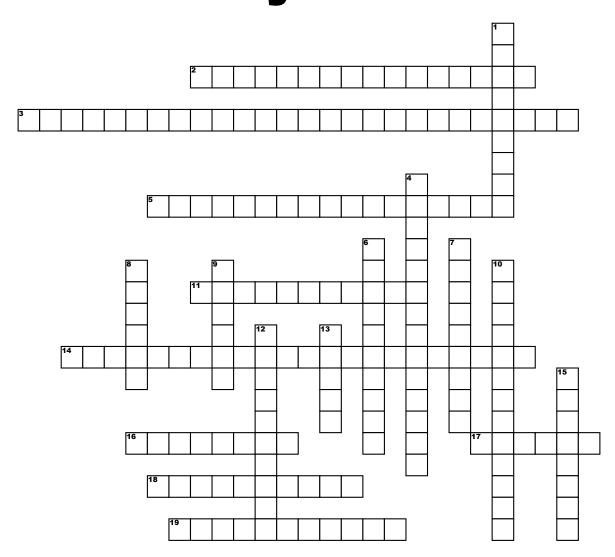
Name:	Date:
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Polymers



Across

- 2. What can polythene be a substitute for?
- 3. What is it called when a water molecule is lost each time 2 starting molecules link up?
- 5. What does PVC stand for?
- 11. Which polymer is commonly used for rope and carpet fibres?
- 14. Because only one product is formed in polymerisation, what is this process called?
- 16. Along with heating and high pressure what else is needed to make polythene?

- 17. What polymer is used for non stick frying pans?
- **18.** What type of bond is between the two carbons?
- 19. Which polymer is commonly used for packing and insulation?

Down

- 1. Which polymer is commonly used for shopping bags and bottles?
- 4. What is the process of joining together molecules like ethene to form long chains of atoms called?
- **6.** What type of insulator can polythene be used as?

- 7. What type of problem occurs because of dumping non-biodegradable plastics?
- 8. Nylon is often woven into?
- 9. Incineration of
- non-biodegradable plastics causes what to be released?
- 10. What are large molecules consisting of thousands of monomers often called?
- **12.** Two different monomers joined by an ester link are often called?
- 13. What link is formed as nylon?
- **15.** What small molecules like ethene are called?