## Forces in Liquids

									1					
<sup>1</sup> M			<sup>2</sup> C			<sup>3</sup> F								
E			0			<sup>4</sup> 0	Ι	L						
N			N			U								
Ι			Т			N								
S			А			Т				5 D				6 T
<sup>7</sup> C	A	Р	Ι	L	L	А	R	Y		Е		<sup>8</sup> S		Е
U			N			Ι				Т		Р		N
9 S	10 A	М	Е			N				Е		Н		s
	D		R							R		Е		Ι
	н							11 B		G		R		0
	Е						12 C	0	н	Е	S	Ι	0	N
	s							Т		Ν		С		
13 D	Ι	F	F	E	R	E	N	Т		Т		А		
	0							0				L		
	Ν							М						

## Across

- 4. Type of liquid with greater cohesive forces than that of water.[3]
- 7. Movement of water up a plant stem is due to \_\_\_\_\_ action.[9]
- 9. Cohesion is the force of attraction between particles of the \_\_\_\_\_ substance.[4]
- 12. Force of attraction between particles of the same substance.[8]
- 13. Adhesion is the force of attraction between particles of \_\_\_\_\_ substances.[9]

## Down

- 1. Curved surface of a liquid.[8]
- 2. A meniscus is caused by attraction between the liquid and its \_\_\_\_.[9]
- 3. Device to reduce surface tension in a diving pool.[8]
- 5. Chemical that reduces surface tension.[9]
- 6. Cohesion at the surface of liquids is surface \_\_\_\_.[7]
- 8. Shape of water droplets due to cohesive forces.[9]
- 10. Force of attraction between particles of different substances.[8]
- 11. A volume of water is accurately read at the \_\_\_\_\_ of the meniscus.[6]