

6. **Method 1: Solve by Drawings**

○ is dry weather ● is wet weather

“There were 14 dry mornings.”

Morning ○○○○○○○○○○○○○○○○○

“There were 8 dry afternoons.”

Morning ○○○○○○○○○○○○○○○○○

Afternoon ○○○○○○○○

“It rained 10 times ...”

●○○○○○○○○○○○○○○○○

○○○○○○○○●●●●●●●●●●

Method 2: Solve by Reasoning

$$(10 + 8 + 14) \div 2 = 16$$

The meteorologist recorded **16** days.

7.

	Andy	Kevin	Matthew
Policeman			×
Doctor	×	×	✓
Teacher			

Matthew, the doctor, is older than the policeman. Since the doctor is younger than Kevin, Kevin is not the policeman.

Kevin is the teacher.

8. If Leon told the truth, then Peter also told the truth. Hence, **Teddy** lied. **Leon** and **Peter** both told the truth.

9.

	Amanda	Beatrice	Jodie
Town A			
Town B			×
Town C	×	×	✓

Jodie is older than the lady from Town B.

Jodie is younger than Beatrice.

Beatrice is not from Town B.

Beatrice comes from Town A.

10. $23 \times 4 + 19 \times 2 = 130$
Dave scores **4 sets of 23** and **2 sets of 19**.

11. If Colin did it, he would be lying. Jason and David would also be lying. Only Melvin told the truth. Hence, **Colin** was the culprit of this act.

12. Herman’s wife cannot be Alicia, Beatrice and Elaine.

Charles’ wife cannot be Beatrice or Elaine.

David’s wife cannot be Elaine.

The four couples are **Herman** and **Florence**, **Charles** and **Alicia**, **David** and **Beatrice**, and **Graham** and **Elaine**.

13. A → **Chinese** → **16th**
D → **Egyptian** → **10th**
C → **German** → **8th**
B → **Mexican** → **4th**

OR

A → **Chinese** → **16th**
C → **Egyptian** → **10th**
D → **German** → **8th**
B → **Mexican** → **4th**

14.

	Greenville	Bloomsberry	Windschill
Melissa	×	✓	
Amy	×	×	✓
Tony	✓		

	Greenville	Bloomsberry	Windschill
Melissa	×	✓	
Amy	×	×	✓
Tony	✓		

Melissa comes from **Bloomsberry** and likes **volleyball**. **Amy** comes from **Windschill** and likes **basketball**. **Tony** comes from **Greenville** and likes **swimming**.

OR

	Greenville	Bloomsberry	Windschill
Melissa	×	×	✓
Amy	✓	×	×
Tony	×	✓	×

	Swimming	Basketball	Volleyball
Melissa	×	✓	×
Amy	✓	×	×
Tony	×	×	✓

Melissa comes from **Windschill** and likes **basketball**. **Amy** comes from **Greenville** and likes **swimming**. **Tony** comes from **Bloomsberry** and likes **volleyball**.

OR

	Greenville	Bloomsberry	Windschill
Melissa	×	✓	
Amy	✓	×	
Tony			✓

	Swimming	Basketball	Volleyball
Melissa			✓
Amy	✓		
Tony		✓	

Melissa comes from **Bloomsberry** and likes **volleyball**. **Amy** comes from **Greenville** and likes **swimming**. **Tony** comes from **Windschill** and likes **basketball**.