

Name \_\_\_\_\_

Date \_\_\_\_\_

## Patterns of Association (Using Data Tables) - Guided Lesson Explanation

### Explanation#1

There are a total of 25 (10 + 15) Australian Players

10 were playing in the match.

$$\frac{10}{25} \times 100 = 40\%$$

### Explanation#2

There were 70 (25 + 45) people surveyed from California.

25 of those people purchase sugar regularly.

$$\begin{aligned} \text{Percentage of Californian Sugar Purchasers} &= \frac{25}{70} \times 100 \\ &= 35.71\% \end{aligned}$$

### Explanation#3

A total of 80 (65 + 15) students took the Grade 7 test.

65 students passed that test.

$$\text{Percentage of passing grades} = \frac{65}{80} \times 100 = 81.25\%$$

