

## 5.2 Results of Material Tests

In this section, the results obtained from the material tests are presented. The material tests include concrete cube tests and tensile tests for steel reinforcement and steel straps.

'Table 5.1' diceritakan dalam teks dahulu kemudian dipamerkan

Table 5.1 shows the average cube compressive strength for each batch of concrete, testing at corresponding cube age. A total of 27 concrete cubes were tested. The mean compressive strength of the cubes at the age of 28 days is 64.1 MPa as shown in Table 5.1. A total of three batches of concrete were cast. For each batch, six columns and nine cubes were cast. The concrete cubes were tested at the age of 7 days, 28 days and the day of the column tests.

'caption' untuk jadual ditulis dibahagian atas.

**Table 5.1** Summary of concrete cube compressive tests

Batch	Strength (MPa)		
	7 days	28 days	Day of testing
1	49.6	67.3	65.5 (154*)
	47.6	67.9	62.9
	49.8	65.3	62.5
2	42.3	63.4	66.7 (180*)
	42.5	62.9	67.1
	42.1	60.5	63.4
3	39.8	61.5	62.3 (175*)
	40.1	60.3	62.5
	41.3	67.8	70.3
<b>Average</b>	<b>43.9</b>	<b>64.1</b>	<b>64.8</b>

\* Age in days at the time of column tests