

LEARNING CHECK

A psychological statistics teacher wants to find out how much his students learn from taking his class. To do this, he gives them a test on the first day of class to see what they already know about psychological statistics. Then, on the last day of class, he gives them the same test they took on the first day of class. He expects (and is hoping) that scores are higher when students take the exam on the last day of class than on the first day of class. Test scores are percentages. Here are the data from the 11 students in his class:

| Test Score on Day 1 | Test Score on Last Day of Class |
|---------------------|---------------------------------|
| 60 | 90 |
| 50 | 75 |
| 20 | 85 |
| 25 | 80 |
| 45 | 88 |
| 56 | 65 |
| 70 | 80 |
| 20 | 50 |
| 45 | 65 |
| 35 | 40 |
| 80 | 65 |