

# Comparing data sets and drawing inferences

MODULE 9 · DATA AND CHANCE REVIEW

## HOW TO ANSWER TODAY

- **Range (spread).** Range = BIGGEST minus SMALLEST.  
5, 12, 8, 3, 15 →  $15 - 3 = 12$
- **Mean (average).** Add ALL the numbers. Divide by HOW MANY there are.  
Mean of 2, 5, 6, 9 →  $(2+5+6+9) \div 4 = 22 \div 4 = 5.5$
- **Median (middle).** Put the numbers in ORDER. The median is the middle one. If two middles, take their mean.  
1, 3, 5, 7, 9 → median 5 · 2, 4, 6, 8 → middles 4 and 6 → median 5