

**LESSON**  
**10-3**
**Practice B**  
*Data Distributions*

Find the mean, median, mode, and range of each data set.

1. 22, 45, 30, 18, 22

2. 8, 10, 8, 14, 8, 15

3. 1.25, 0.5, 3.25, 0.75, 1.75

4. 95, 92, 96, 93, 94, 95, 93

Identify the outlier in each data set, and determine how the outlier affects the mean, median, mode, and range of the data.

5. 31, 35, 41, 40, 40, 98

6. 82, 24, 100, 96, 79, 93, 66

7. The amounts of Cathy's last six clothing purchases were \$109, \$72, \$99, \$15, \$99, and \$89. For each question, choose the mean, median, or mode, and give its value.

- Which value describes the average of Cathy's purchases? \_\_\_\_\_
- Which value would Cathy tell her parents to convince them that she is not spending too much money on clothes? Explain.  
\_\_\_\_\_
- Which value would Cathy tell her parents to convince them that she needs an increase in her allowance? Explain.  
\_\_\_\_\_

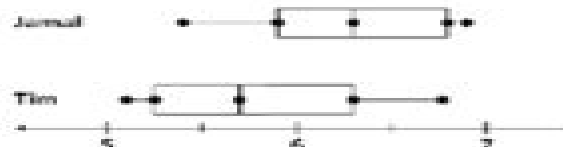
Use the data to make a box-and-whisker plot.

8. 71, 79, 56, 24, 35, 37, 81, 63, 75

9. 210, 195, 350, 250, 260, 300

The finishing times of two runners for several one-mile races, in minutes, are shown in the box-and-whisker plots.

- Who has the faster median time? \_\_\_\_\_
- Who has the slowest time? \_\_\_\_\_
- Overall, who is the faster runner? Explain.  
\_\_\_\_\_



# Mcdougal Algebra Assessment Answer Key

**Jessica J Manson**



**Mcdougal Algebra Assessment Answer Key:**

The Top Books of the Year Mcdougal Algebra Assessment Answer Key The year 2023 has witnessed a remarkable surge in literary brilliance, with numerous captivating novels enthralling the hearts of readers worldwide. Lets delve into the realm of bestselling books, exploring the captivating narratives that have captivated audiences this year.

**The Must-Read :** Colleen Hoover "It Ends with Us" This heartfelt tale of love, loss, and resilience has gripped readers with its raw and emotional exploration of domestic abuse. Hoover masterfully weaves a story of hope and healing, reminding us that even in the darkest of times, the human spirit can triumph.

**Uncover the Best :** Taylor Jenkins Reids "The Seven Husbands of Evelyn Hugo" This spellbinding historical fiction novel unravels the life of Evelyn Hugo, a Hollywood icon who defies expectations and societal norms to pursue her dreams. Reids compelling storytelling and compelling characters transport readers to a bygone era, immersing them in a world of glamour, ambition, and self-discovery.

**Discover the Magic :** Delia Owens "Where the Crawdads Sing" This mesmerizing coming-of-age story follows Kya Clark, a young woman who grows up alone in the marshes of North Carolina. Owens weaves a tale of resilience, survival, and the transformative power of nature, captivating readers with its evocative prose and mesmerizing setting.

These bestselling novels represent just a fraction of the literary treasures that have emerged in 2023. Whether you seek tales of romance, adventure, or personal growth, the world of literature offers an abundance of captivating stories waiting to be discovered.

The novel begins with Richard Papen, a bright but troubled young man, arriving at Hampden College. Richard is immediately drawn to the group of students who call themselves the Classics Club. The club is led by Henry Winter, a brilliant and charismatic young man. Henry is obsessed with Greek mythology and philosophy, and he quickly draws Richard into his world. The other members of the Classics Club are equally as fascinating. Bunny Corcoran is a wealthy and spoiled young man who is always looking for a good time. Charles Tavis is a quiet and reserved young man who is deeply in love with Henry. Camilla Macaulay is a beautiful and intelligent young woman who is drawn to the power and danger of the Classics Club. The students are all deeply in love with Morrow, and they are willing to do anything to please him. Morrow is a complex and mysterious figure, and he seems to be manipulating the students for his own purposes. As the students become more involved with Morrow, they begin to commit increasingly dangerous acts.

The Secret History is a brilliant and gripping novel that will keep you wondering until the very end. The novel is a warning tale about the dangers of obsession and the power of evil.

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