

## CDL Day 10 Alg

Date \_\_\_\_\_

Period \_\_\_\_\_

**Find the mean for each data set.**

1) # Words in Book Titles

3 2 2 2 6 2 2 2  
3 5 2

2) Annual Precipitation (Inches)

26.6 37.6 31 53.8 26.4  
26.8 26.4 21.2 54.8 17.6  
61.2

3) Injuries Due to Distracted Driving per Month

8,730 6,682 8,270 7,325 8,021  
6,279 8,654 9,165 10,189

4) Shoe Size

8 5.5 8.5 9 6.5 8.5 9  
10 8 10 8.5

5) Single Family Home Prices

332,500 332,600 331,200 320,100  
323,000 325,600 316,300 341,400  
339,500 328,800

6) Annual Household Income

33,750 15,100 13,850 12,450  
18,550 18,100 15,850 20,550  
11,850 16,300

7) Age at First Job

23 18 18 13 12 22 11  
15 16 19

8) Age at First Job

12 15 16 22 18 22 14  
18 21 11 13

9) Hours Slept

8 6.5 8.25 7.25 5.75  
7.75 7.75 8 7.75

10) Games per World Series

6 7 7 4 5 4 6 7  
4 7

11) Minutes to Run 5km

33.1 31.6 30.9 38 28.8 17.6  
31.2 41.5 33.6

12) Injuries Due to Distracted Driving per Month

8,793 6,198 5,741 5,629 8,853  
6,671 9,814 7,553 8,971

13) Games per World Series

6 5 7 7 4 5 4 4  
4 5

14) Shoe Size

6.5 7.5 8.5 9 6 7 6.5  
8.5 6 7.5

15) Car Weights (kg)

1,410 1,765 1,770 1,055 1,505  
1,455 1,760 1,730 1,180

16) Test Scores

46 54 49 42 50 44 47  
45 46 46

17) Monthly Revenue

49,460 35,470 35,130 42,260  
42,530 25,450 37,010 60,330  
51,250 53,420 30,630

18) # Words in Book Titles

4 3 2 2 1 2 2 4  
1

- 19) Annual Household Income
- |        |        |        |        |
|--------|--------|--------|--------|
| 11,050 | 8,750  | 13,500 | 8,550  |
| 14,000 | 26,350 | 17,250 | 18,750 |
| 14,550 | 10,450 | 19,200 |        |

- 20) Age at First Job
- |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|
| 11 | 13 | 13 | 17 | 17 | 16 | 15 |
| 17 | 15 | 15 | 11 |    |    |    |

**Find the median for each data set.**

- 21) Annual Household Income
- |        |        |        |        |
|--------|--------|--------|--------|
| 10,700 | 24,950 | 12,550 | 10,800 |
| 33,250 | 22,600 | 17,100 | 22,800 |
| 11,500 | 18,450 |        |        |

- 22) Single Family Home Prices
- |         |         |         |         |
|---------|---------|---------|---------|
| 309,500 | 300,100 | 319,300 | 306,000 |
| 289,300 | 313,900 | 307,900 | 323,600 |
| 297,800 | 314,800 |         |         |

- 23) Minutes to Run 5km
- |      |      |      |      |      |
|------|------|------|------|------|
| 44.3 | 30.1 | 21   | 30   | 35   |
| 37.9 | 29.1 | 30.4 | 39.1 | 35.3 |
| 32.6 |      |      |      |      |

- 24) Mens Heights (Inches)
- |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|
| 65 | 70 | 75 | 69 | 77 | 67 | 69 |
| 70 | 64 | 72 | 66 |    |    |    |

- 25) Age at First Job
- |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|
| 12 | 15 | 17 | 19 | 20 | 17 | 12 |
| 16 | 16 | 13 |    |    |    |    |

**Find the mode for each data set.**

- 26) Academy Awards

Movie	# Awards
Marty	4
The Artist	5
My Fair Lady	8
The Deer Hunter	5
Gandhi	8

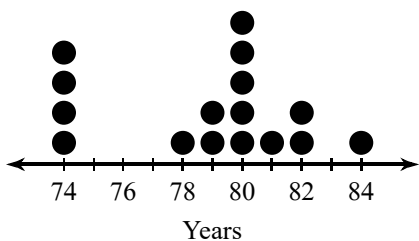
Movie	# Awards
Gigi	9
Terms of Endearment	5
Million Dollar Baby	4
Argo	3
The Lost Weekend	4

Movie	# Awards
It Happened One Night	5
Annie Hall	4
Lawrence of Arabia	7
Amadeus	8
A Man for All Seasons	6

- 27) Annual Precipitation (Inches)
- |      |      |      |      |      |
|------|------|------|------|------|
| 69.6 | 41.4 | 10   | 13.8 | 8.8  |
| 56.6 | 42   | 25.8 | 43.2 | 61   |
| 12.4 | 52.2 | 13.2 | 38.6 | 50.8 |
| 69.6 | 27.6 |      |      |      |

- 28) Mens Heights (Inches)
- |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|
| 70 | 70 | 73 | 68 | 68 | 75 | 70 |
| 69 | 66 | 71 | 78 | 67 | 72 | 77 |
| 62 |    |    |    |    |    |    |

- 29) Life Expectancy by State



- 30) Hours Slept
- |      |     |      |     |      |     |
|------|-----|------|-----|------|-----|
| 5.75 | 7   | 7.25 | 7.5 | 7.25 | 7.5 |
| 6.75 | 7.5 | 7.25 | 6.5 | 6.25 | 6   |
| 6.5  | 7.5 | 8    | 6.5 | 7    |     |