



Using the set of numbers find the mean (rounded to the nearest tenth), median, mode and range.

1) 80 , 80 , 83 , 80 , 85 , 67 , 72 , 70 , 71

2) 72 , 67 , 67 , 57 , 66 , 63 , 62 , 50

3) 80 , 80 , 81 , 82 , 74 , 83 , 85 , 75 , 78

4) 14 , 9 , 10 , 9 , 11 , 1

5) 58 , 58 , 65 , 52 , 53 , 55 , 62

6) 27 , 23 , 24 , 25 , 20 , 25

7) 17 , 17 , 10 , 22 , 4 , 19 , 13

8) 89 , 87 , 83 , 86 , 84 , 83 , 77 , 83

9) 79 , 79 , 76 , 84 , 75

10) 22 , 18 , 22 , 19 , 13 , 8

Answers

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_



Using the set of numbers find the mean (rounded to the nearest tenth), median, mode and range.

- 1) 80 , 80 , 83 , 80 , 85 , 67 , 72 , 70 , 71

mean:  $688 \div 9 = 76.4$

median: 67 , 70 , 71 , 72 , 80 , 80 , 80 , 80 , 83 , 85

mode:  $80 = 3 \times$

range:  $85 - 67 = 18$

- 2) 72 , 67 , 67 , 57 , 66 , 63 , 62 , 50

mean:  $504 \div 8 = 63$

median: 50 , 57 , 62 , 63 , 66 , 67 , 67 , 72

mode:  $67 = 2 \times$

range:  $72 - 50 = 22$

- 3) 80 , 80 , 81 , 82 , 74 , 83 , 85 , 75 , 78

mean:  $718 \div 9 = 79.8$

median: 74 , 75 , 78 , 80 , 80 , 80 , 81 , 82 , 83 , 85

mode:  $80 = 2 \times$

range:  $85 - 74 = 11$

- 4) 14 , 9 , 10 , 9 , 11 , 1

mean:  $54 \div 6 = 9$

median: 1 , 9 , 9 , 10 , 11 , 14

mode:  $9 = 2 \times$

range:  $14 - 1 = 13$

- 5) 58 , 58 , 65 , 52 , 53 , 55 , 62

mean:  $403 \div 7 = 57.6$

median: 52 , 53 , 55 , 58 , 58 , 58 , 62 , 65

mode:  $58 = 2 \times$

range:  $65 - 52 = 13$

- 6) 27 , 23 , 24 , 25 , 20 , 25

mean:  $144 \div 6 = 24$

median: 20 , 23 , 24 , 25 , 25 , 27

mode:  $25 = 2 \times$

range:  $27 - 20 = 7$

- 7) 17 , 17 , 10 , 22 , 4 , 19 , 13

mean:  $102 \div 7 = 14.6$

median: 4 , 10 , 13 , 17 , 17 , 17 , 19 , 22

mode:  $17 = 2 \times$

range:  $22 - 4 = 18$

- 8) 89 , 87 , 83 , 86 , 84 , 83 , 77 , 83

mean:  $672 \div 8 = 84$

median: 77 , 83 , 83 , 83 , 84 , 86 , 87 , 89

mode:  $83 = 3 \times$

range:  $89 - 77 = 12$

- 9) 79 , 79 , 76 , 84 , 75

mean:  $393 \div 5 = 78.6$

median: 75 , 76 , 79 , 79 , 79 , 84

mode:  $79 = 2 \times$

range:  $84 - 75 = 9$

- 10) 22 , 18 , 22 , 19 , 13 , 8

mean:  $102 \div 6 = 17$

median: 8 , 13 , 18 , 19 , 22 , 22

mode:  $22 = 2 \times$

range:  $22 - 8 = 14$

**Answers**

|     |             |             |           |           |
|-----|-------------|-------------|-----------|-----------|
| 1.  | <u>76.4</u> | <u>80</u>   | <u>80</u> | <u>18</u> |
| 2.  | <u>63</u>   | <u>64.5</u> | <u>67</u> | <u>22</u> |
| 3.  | <u>79.8</u> | <u>80</u>   | <u>80</u> | <u>11</u> |
| 4.  | <u>9</u>    | <u>9.5</u>  | <u>9</u>  | <u>13</u> |
| 5.  | <u>57.6</u> | <u>58</u>   | <u>58</u> | <u>13</u> |
| 6.  | <u>24</u>   | <u>24.5</u> | <u>25</u> | <u>7</u>  |
| 7.  | <u>14.6</u> | <u>17</u>   | <u>17</u> | <u>18</u> |
| 8.  | <u>84</u>   | <u>83.5</u> | <u>83</u> | <u>12</u> |
| 9.  | <u>78.6</u> | <u>79</u>   | <u>79</u> | <u>9</u>  |
| 10. | <u>17</u>   | <u>18.5</u> | <u>22</u> | <u>14</u> |