



THIRD SPACE  
LEARNING

# Mean, Median, Mode and Range

Support grade 6 students in understanding mean, median, mode and range with this 28 question worksheet

Grade 6

## Mean, Median, Mode and Range Questions

1 Write the mode for each list of numbers.

a 3, 6, 7, 8, 8

b 2, 5, 5, 7, 8

c -1, -1, -2, -4, -7

d 0.3, 0.6, 0.7, 0.8, 0.8, 0.9

e -1, -1, 2, 4, 5, 7

f 2.7, 2.9, 2.5, 2.8, 2.7, 2.5, 2.2, 2.6

---

2 Calculate the median of each list of numbers.

a 3, 6, 7, 8, 8

b 2, 5, 5, 7, 8

c -1, -1, -2, -4, -7

d 0.3, 0.6, 0.7, 0.8, 0.8, 0.9

e -1, -1, 2, 4, 5, 7

f 2.7, 2.9, 2.5, 2.8, 2.7, 2.5, 2.2, 2.6

---

3 Calculate the mean of each list of numbers.

Give your answer to 2 decimal place where needed:

a 3, 6, 7, 8, 8

b 2, 5, 5, 7, 8

c -1, -1, -2, -4, -7

d 0.3, 0.6, 0.7, 0.8, 0.8, 0.9

e -1, -1, 2, 4, 5, 7

f 2.7, 2.9, 2.5, 2.8, 2.7, 2.5, 2.2, 2.6

4 Calculate the range of each list of numbers.

a 3, 6, 7, 8, 8

b 2, 5, 5, 7, 8

c -1, -1, -2, -4, -7

d 0.3, 0.6, 0.7, 0.8, 0.8, 0.9

e -1, -1, 2, 4, 5, 7

f 2.7, 2.9, 2.5, 2.8, 2.7, 2.5, 2.2, 2.6

---

5 Solve these application questions.

a The heights of some children (to the nearest centimeter) are shown below.

113cm, 111cm, 123cm, 121cm, 119cm, 113cm, 117cm,

Calculate the mode, median, and mean to 1 decimal place.

b The weights of 11 puppies (to the nearest lb) are shown below.

418lbs, 406lbs, 372lbs, 428lbs, 320lbs, 302lbs, 325lbs, 395lbs, 365lbs, 325lbs, 327lbs

Calculate the mode, median, and mean to 1 decimal place.

c The mean of 4 numbers is 11.

Three of the numbers are: 9, 8, 12.

What is the fourth number?

d The mean of 6 numbers is 15.

Five of the numbers are: 8, 10, 11, 21, 26.

What is the sixth number?

## Mean, Median, Mode and Range Answers

Question Number	Question	Answer
1	<p>Write the mode for each list of numbers.</p> <p>a) 3, 6, 7, 8, 8</p> <p>b) 2, 5, 5, 7, 8</p> <p>c) -1, -1, -2, -4, -7</p> <p>d) 0.3, 0.6, 0.7, 0.8, 0.8, 0.9</p> <p>e) -1, -1, 2, 4, 5, 7</p> <p>f) 2.7, 2.9, 2.5, 2.8, 2.7, 2.5, 2.2, 2.6</p>	<p>a) 8</p> <p>b) 5</p> <p>c) -1</p> <p>d) 0.8</p> <p>e) -1</p> <p>f) 2.5 and 2.7</p>
2	<p>Calculate the median of each list of numbers.</p> <p>a) 3, 6, 7, 8, 8</p> <p>b) 2, 5, 5, 7, 8</p> <p>c) -1, -1, -2, -4, -7</p> <p>d) 0.3, 0.6, 0.7, 0.8, 0.8, 0.9</p> <p>e) -1, -1, 2, 4, 5, 7</p> <p>f) 2.7, 2.9, 2.5, 2.8, 2.7, 2.5, 2.2, 2.6</p>	<p>a) 7</p> <p>b) 5</p> <p>c) -2</p> <p>d) 0.75</p> <p>e) 3</p> <p>f) 2.65</p>
3	<p>Calculate the mean of each list of numbers.</p> <p>Give your answer to 2 decimal place where needed:</p> <p>a) 3, 6, 7, 8, 8</p> <p>b) 2, 5, 5, 7, 8</p> <p>c) -1, -1, -2, -4, -7</p> <p>d) 0.3, 0.6, 0.7, 0.8, 0.8, 0.9</p> <p>e) -1, -1, 2, 4, 5, 7</p> <p>f) 2.7, 2.9, 2.5, 2.8, 2.7, 2.5, 2.2, 2.6</p>	<p>a) 6.4</p> <p>b) 5.4</p> <p>c) -3</p> <p>d) 0.68 (2dp)</p> <p>e) 2.67 (2dp)</p> <p>f) 2.61 (2dp)</p>

## Mean, Median, Mode and Range | Grade 6




Question Number	Question	Answer
4	<p>Calculate the range of each list of numbers.</p> <p>a) 3, 6, 7, 8, 8  b) 2, 5, 5, 7, 8  c) -1, -1, -2, -4, -7  d) 0.3, 0.6, 0.7, 0.8, 0.8, 0.9  e) -1, -1, 2, 4, 5, 7  f) 2.7, 2.9, 2.5, 2.8, 2.7, 2.5, 2.2, 2.6</p>	<p>a) 5  b) 6  c) 6  d) 0.6  e) 8  f) 0.7</p>
5	<p>a) The heights of some children (to the nearest centimeter) are shown below.  113cm 111cm 123cm 121cm  119cm 113cm 117cm  Calculate the mode, median, and mean to 1 decimal place.</p> <p>b) The weights of 11 puppies (to the nearest lb) are shown below.  418lbs, 406lbs, 372lbs, 428lbs,  320lbs, 302lbs, 325lbs, 395lbs,  365lbs, 325lbs, 327lbs  Calculate the mode, median, and mean to 1 decimal place.</p> <p>c) The mean of 4 numbers is 11.  Three of the numbers are: 9, 8, 12.  What is the fourth number?</p> <p>d) The mean of 6 numbers is 15.  Five of the numbers are: 8, 10, 11, 21, 26.  What is the sixth number?</p>	<p>a) Mode = 113cm  Median = 117cm  Mean = 116.7cm (to 1 dp)  b) Mode = 325lbs  Median = 365lbs  Mean = 362.1lbs (to 1 dp)  c) 15  d) 14</p>

## Do you have a group of students who need a boost in math?

Each student could receive a personalized lesson every week from our specialist one-on-one math tutors.

- ✓ Differentiated instruction for each student
- ✓ Aligned to your state's standard
- ✓ Scaffolded learning to close gaps

## Speak to us

-  [thirdspacelearning.com/us/](https://thirdspacelearning.com/us/)
-  +1 929-298-4593
-  [hello@thirdspacelearning.com](mailto:hello@thirdspacelearning.com)



**THIRD SPACE**  
LEARNING