

Name: _____

Mean Absolute Deviation

Find the mean and mean absolute deviation (MAD) for each data set. Show your work.

a. 39, 32, 48, 49

b. 6, 5, 13, 4



c. 103, 118, 149, 103, 134, 122

d. 82, 75, 76, 77, 86, 84

mean: _____ MAD: _____

mean: _____ MAD: _____

Name: _____

Mean Absolute Deviation

e. 63, 23, 65, 55, 52

f. 13, 15, 12, 10, 20



Preview

Please log in to download
the printable version of this worksheet.

mean: _____ MAD: _____

mean: _____ MAD: _____

ANSWER KEY

Mean Absolute Deviation

Find the mean and mean absolute deviation (MAD) for each data set. Show your work.

a. 39, 32, 48, 49

$$\frac{39 + 32 + 48 + 49}{4} = \frac{168}{4} = 42$$

b. 6, 5, 13, 4

$$\frac{6 + 5 + 13 + 4}{4} = \frac{28}{4} = 7$$

Preview

Please log in to download
the printable version of this worksheet.



$$\frac{18.5 + 3.5 + 27.5 + 18.5 + 12.5 + 0.5}{6} = \frac{81}{6} = 13.5$$

$$\frac{2 + 5 + 4 + 3 + 6 + 4}{6} = \frac{24}{6} = 4$$

mean: 121.5 MAD: 13.5

mean: 80 MAD: 4

ANSWER KEY

Mean Absolute Deviation

e. 63, 23, 65, 55, 52

f. 13, 15, 12, 10, 20

$$\frac{63 + 23 + 65 + 55 + 52}{5} = \frac{258}{5} = 51.6$$

$$\frac{13 + 15 + 12 + 10 + 20}{5} = \frac{70}{5} = 14$$

Preview

Please log in to download
the printable version of this worksheet.



$$\frac{5 + 1 + 0 + 8 + 1 + 2 + 4 + 1}{8} = \frac{22}{8} = 2.75$$

$$\frac{2.5 + 1.5 + 10.5 + 13.5 + 5.5 + 5.5 + 8.5 + 1.5}{8} = \frac{49}{8} = 6.125$$

mean: 6 MAD: 2.75

mean: 22.5 MAD: 6.125