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Finding the Mean in the Data Set

1. Find the mean for each data set.
   a. 10, 64, 78, 39, 24
   b. 57, 49, 68, 24, 90
   c. 12, 14, 16, 18, 20
   d. 4, 8, 12, 16, 20
   e. 1, 4, 6, 28, 7
   f. 5, 3, 2, 4, 7
   g. 0.1, 0.47, 3.4, 4.5, 0.8
   h. 1.3, 1.7, 8.5, 0.9, 0.25
   i. 1.8, 0.6, 1.2, 1.7, 0.06

Solution:
a.
b.
c.
d.
e.
f.
g.
h.
i.

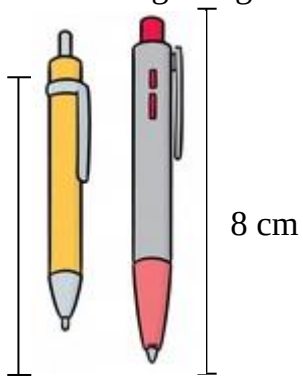
2. Harvey is 1.8 tall, Jasmine is 1.4 m tall, and Tim is 1.6 m tall. Find the mean height of Harvey, Jasmine, and Tim.

Solution:

3. Mary got an average score of 50 on her first three quizzes in Math class. How much does she need in the next quiz to have an overall average score of 52?

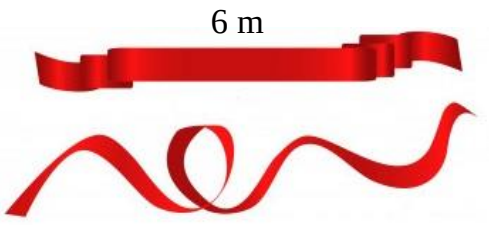
Solution:

4. Find the average height of two pens shown below.



Solution:

5. The mean length of the two ribbons shown below is 5 m. Find the length of the second ribbon.



Solution:

6. What does mean represent for a set of data?

Solution:

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Finding the Mean in the Data Set

Answer Key

1. Find the mean for each data set.
   a. 10, 64, 78, 39, 24
   b. 57, 49, 68, 24, 90
   c. 12, 14, 16, 18, 20
   d. 4, 8, 12, 16, 20
   e. 1, 4, 6, 28, 7
   f. 5, 3, 2, 4, 7
   g. 0.1, 0.47, 3.4, 4.5, 0.8
   h. 1.3, 1.7, 8.5, 0.9, 0.25
   i. 1.8, 0.6, 1.2, 1.7, 0.06

Solution:
a. 43
b. 57.6
c. 16
d. 12
e. 9.2
f. 4.2
g. 1.854
h. 2.53
i. 1.072

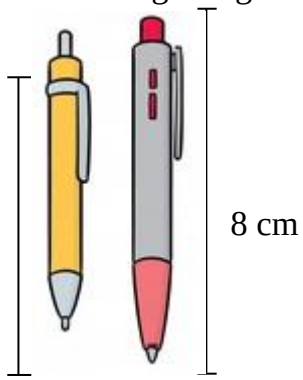
2. Harvey is 1.8 tall, Jasmine is 1.4 m tall, and Tim is 1.6 m tall. Find the mean height of Harvey, Jasmine, and Tim.

Solution: 1.6 m

3. Mary got an average score of 50 on her first three quizzes in Math class. How much does she need in the next quiz to have an overall average score of 52?

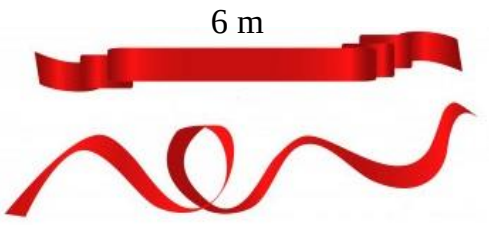
Solution: 58

4. Find the average height of two pens shown below.



Solution: 7.25 cm

5. The mean length of the two ribbons shown below is 5 m. Find the length of the second ribbon.



Solution: 4 m

6. What does mean represent for a set of data?

Solution: Add all the values together and divide by the number of values in the set.