

Name : _____

Mean

Decimlas: S1

A) Find the value of x .

1) 2.4, x , 5.13

Mean = 5.5

$x =$ _____

2) 12.3, 0.18, x , 1, 13.5

Mean = 6.8

$x =$ _____

3) 8.7, 5.22, x , 0

Mean = 5.95

$x =$ _____

4) 10.11, 18.4, 8, x , 19.6

Mean = 15.34

5) 15.25, 9.8,

Mean = 10.5

$x =$ _____

5.1

2.72

B) 1) Find the value of x .

a) $x = 11$

2) The mean of

a) $x = 10$

3.01 is 9.81.

d) $x = 6.2$

is

d) $x = 8$

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C) Kevin constructed a shelf. He used five wooden planks with the following lengths: 25.6 inches, 34.2 inches, 44.9 inches, and 38.3 inches. If the mean length was 37.48 inches, what would be the length of the fifth plank?

Name : _____

Answer Key

Decimlas: S1

Mean

A) Find the value of x .

1) 2.4, x , 5.13

Mean = 5.5

$x = \underline{8.97}$

2) 12.3, 0.18, x , 1, 13.5

Mean = 6.8

$x = \underline{7.02}$

3) 8.7, 5.22, x , 0

Mean = 5.95

$x = \underline{9.5}$

4) 10.11, 18.4, 8, x , 19.6

Mean = 15.34

$x = \underline{20.59}$

5) 15.25, 9.8,

Mean = 10.5

$x = \underline{6.5}$

5.1

2.72

$x = \underline{2.5}$

B) 1) Find the value of x .

a) $x = 11$

2) The mean of

a) $x = 10$

3.01 is 9.81.

d) $x = 6.2$

is

d) $x = 8$

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C) Kevin constructed a shelf. He used five wooden planks with the following lengths: 25.6 inches, 34.2 inches, 44.9 inches, and 38.3 inches. If the mean length was 37.48 inches, what would be the length of the fifth plank?

44.4 inches