Rounding to The Nearest Hundredth Worksheets

1) Mark the decimal on the number line and round off the decimals to the nearest hundredth.

a) **17.126**

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←———————+————————————————+————————————————+———————→
      17.12              17.125            17.13
```

b) **64.948**

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←———————+————————————————+————————————————+———————→
      64.95              64.955            64.96
```

c) **33.7891**

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←———————+————————————————+————————————————+———————→
      33.78              33.785            33.79
```

2) Round off to the nearest hundredth.

a) 64.948   _____

b) 33.7891 _____

c) 75.1378 _____

d) 79.818   _____

e) 169.874 _____

3) Is 17.125 rounded off to the nearest hundredth becomes 17.13?

4) Find the missing digit:

a) If 2.7_8 is rounded to the nearest hundredth as 2.79, what is the missing digit?

b) If 39.7_1 is rounded to the nearest hundredth as 39.74, what is the missing digit?

5) Esitmate the sum by rounding off the decimals to the nearest hundredth. 5.698 +28.329

6) Estimate the difference by rounding off the decimals to the nearest hundredth. 89.452 -78.325

7) Estimate the product to the nearest hundredth.

31.4 x 45.32

8) Match the estimated value to the nearest hundredth.

18.249	18.26
18.253	
18.257	
18.245	18.25
18.250	

9) Ryan measured 2.458 cups of sugar. How much is it to the nearest hundredth?

10)   Which is true?
a) 4.526 rounds off to 4.52
b) 4.526 rounds off to 4.53

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ANSWERS

1)	17.13 64.95 33.79
2)	64.95 33.79 75.14 79.82 169.87
3)	Yes
4)	8 4
5)	34
6)	11.12

7)	1423.05
8)	18.25 18.25 18.26 18.25 18.25
9)	2.46
10)	4.53

FUN FACT

1. Some decimal expansions never end: for example, 1/3 = 0.333... Rounding it off to the nearest hundredth, it becomes 0.33.

2. The decimal means ten, and refers to the fact that each position in a decimal number corresponds to ten times more than the next position along.

3. The "." Is the decimal separator that separates the decimal part from the integral part in a decimal number.