✓ **Congratulations! You passed!**
TO PASS 80% or higher

Keep Learning

GRADE
**100%**

# Confidence Intervals Assessment

LATEST SUBMISSION GRADE
100%

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1. What variable is used in the column 'napping' to indicate a toddler takes a nap?

    **1 / 1 point**

    > 1

    ✓ Correct

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2. What is the sample size $n$?

    **1 / 1 point**

    > 20

    ✓ Correct

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3. What is the sample size for toddlers who nap, $n1$?

    **1 / 1 point**

    > 15

    ✓ Correct

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4. What is the sample size for toddler who do not nap, $n2$?

    **1 / 1 point**

    > 5

    ✓ Correct

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5. Given our sample sizes of n1 and n2 for napping and non-napping toddlers respectively, how many degrees of freedom ($df$) are there for the associated $t$distributions?

    **1 / 1 point**

    *Note your answer in the following format: x, y*

    ○ 15, 3

    ○ 12, 26

    ⦿ 14, 4

    ○ 26, 12

    ○ 4, 14

    ✓ Correct

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6. What is $t*$ for nap and no nap?

    **1 / 1 point**

    *Note your answer in the following format truncated after the hundredth decimal place: #.###, #.###*

    ○ 2.255, 3.125

    ○ 4.446, 5.237

    ⦿ 2.144, 2.776

    ○ 1.986, 2.149

    ✓ Correct

7. What is the 95% confidence interval for the average bedtime (in decimalized time) for **toddlers who nap**?

*Note your answer in the following format, rounded to the whole number in decimalized time: (X, Y)*

○ (1100, 1300)

○ (900, 1100)

◉ (1215, 1251)

○ (1230, 1270)

✓ **Correct**

8. What is the 95% confidence interval for the average bedtime (in decimalized time) for **toddlers who do not nap**?

*Note your answer in the following format, rounded to the whole number in decimalized time: (X, Y)*

◉ (1153, 1229)

○ (1100, 1230)

○ (1230, 1540)

○ (1175, 1235)

✓ **Correct**

7. What is the 95% confidence interval for the average bedtime (in decimalized time) for **toddlers who nap**?

*Note your answer in the following format, rounded to the whole number in decimalized time: (X, Y)*

○ (1100, 1300)

○ (900, 1100)

◉ (1215, 1251)