

Name _____

Date _____

Truth Values of Compound Sentences - Matching Worksheet

Write the letter of the answer that matches the problem. The number indicates the cardinal order of the true or false value. Start from the top.

- _____ 1. Determine the truth value of the statement:
"If 9 and 18 are even, then monkeys jump." a. False (4)
- _____ 2. Determine the truth value of the statement:
"If 10 and 12 are even, then pigeons swim." b. True (4)
- _____ 3. Determine the truth value of the statement:
"If 15 and 23 are even, then mosquitoes fly." c. False (2)
- _____ 4. Determine the truth value of the statement:
"If 10 and 20 are even, then horses run." d. False (5)
- _____ 5. Determine the truth value of the statement:
"If 23 and 42 are even, then dogs swim." e. True (1)
- _____ 6. Determine the truth value of the statement:
" $121 + 8 = 129$ and 113 is a prime number." f. True (2)
- _____ 7. Determine the truth value of the statement:
" $131 + 5 = 136$ and 126 is a prime number." g. False (1)
- _____ 8. Determine the truth value of the statement:
" $25 + 8 = 33$ and 17 is a prime number." h. True (3)
- _____ 9. Determine the truth value of the statement:
" $44 + 8 = 52$ and 36 is a prime number." i. False (3)
- _____ 10. Determine the truth value of the statement:
" $149 + 18 = 167$ and 131 is a prime number." j. False (6)

