

#3

Name: _____

NS6-18: More Primes, Factors, and Composite Numbers

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1. List all the factors of each number (the first one is done for you).

a) 25: 1, 5, 25

b) 8: _____

c) 12: _____

d) 16: _____

e) 9: _____

f) 18: _____

g) 50: _____

h) 45: _____

i) 60: _____

j) 42: _____

2. Put a check mark in front of the numbers that are composite numbers.

 30 31 32 33 34 35 36 37

3. Write a number between 0 and 20 that has ...

a) two factors: _____ b) four factors: _____ c) five factors: _____

4. Cross out any number that is *not* a multiple of 4.

12	19	34	20	50	40
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5. Write the three numbers less than 40 that have 2 and 5 as factors: _____

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6. Write three consecutive composite numbers.

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7. Write five odd multiples of 3 between 10 and 40: _____

8. I am a prime number less than 10.

If you add 10 or 20 to me, the result is a prime number.

What number am I?

9. Which number is neither prime nor composite? Explain.

10. Find the **sum** of the first five composite numbers. Show your work.

11. How many prime numbers are there between 30 and 50? Explain how you know.