Name_____Date_____

Directions: Use the divisibility rules to determine whether the first number is divisible by the second number. Use the sentence stems to explain your rationale.

920 ___is___ divisible by 2 because _the ones digit is divisible by 2_.

8901 _is not_ divisible by 4 because _the last two digits are not divisible by 4_.

1. 447 _____divisible by 3 because _____ /

_____.

2. 135 _____divisible by 6 _____

_____.

3. 240 _____divisible by 4 _____

_____.

4. 419 _____divisible by 3 _____

_____.

5. 831 _____divisible by 3 _____

_____.

6. 4,408 _____divisible by 4 _____

_____.

For numbers 7 thru 12 follow the sentence stem pattern from above to explain your rationale.

7. 7,110; 6 _____

_____

8. 1,287; 9 _____

_____

9. 2,984; 9 _____

_____

10. 7,026; 6 _____

_____

11. 1,260;10 _____

_____

12. 8,903; 6 _____

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