Invisible Divisible

Use the clues to find all possibilities for the unknown digit in each number.

1 The number below has 2 as a factor. What could the unknown digit be?

5,83 ▢

2 The number below has 4 as a factor. What could the unknown digit be?

3,2 ▢ 6

3 The number below has 5 as a factor. What could the unknown digit be?

1,9 ▢ 5

4 The number below has 9 as a factor. What could the unknown digit be?

6,30 ▢

5 The number below has 6 as a factor. What could the unknown digit be?

7,71 ▢

6 The number below has 3 as a factor. What could the unknown digit be?

4, ▢ 11

7 The number below has 3 and 5 as factors. What could the unknown digit be?

6,1 ▢ 5

8 The number below has 2 and 9 as factors. What could the unknown digit be?

2,3 ▢ 6

9 **Stretch Your Thinking** A number is divisible by 2 if the last digit is divisible by 2. A number is divisible by 4 if the last two digits form a number divisible by 4. A number is divisible by 8 if the last three digits form a number divisible by 8. Describe a possible pattern in the divisibility rules. Then test each of the following numbers for divisibility by 8.

3,488 5,614 4,320 3,052