Practice worksheet | Factors and multiples

Testing divisibility

Name: _____ Date: _____

6 questions | 10 marks

1. Which of 2, 5 and 10 divide 145 exactly? [1 mark]

2. Is 318 divisible by 3? Show the test. [1 mark]

3. Is 427 divisible by 9? Show the test. [1 mark]

4. Is 156 divisible by 6? Explain. [2 marks]

5. Replace the square with one digit so $24\square$ is divisible by both 5 and 3. Find every possible digit. [3 marks]

6. Noah says every number divisible by 3 is divisible by 6. Give a counterexample and explain. [2 marks]