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□ 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]