Practice worksheet | Integers and rational numbers

Rational and irrational numbers

Name: _____ Date: _____

6 questions | 13 marks

1. Explain why -12 is rational. [2 marks]

2. Classify $\sqrt{81}$ and justify. [2 marks]

3. Classify $\sqrt{11}$ and justify. [2 marks]

4. Classify $0.\overline{4}$ and give a fraction. [2 marks]

5. Is $\frac{22}{7}$ irrational because it approximates π? Explain. [2 marks]

6. Leila says every decimal that goes on forever is irrational. Give a counterexample. [3 marks]