Real Numbers: Always, Sometimes, Never

Determine whether each statement is always true, sometimes true, or never true. Then, circle your answer and explain your thinking on the lines below. Think about the definitions for each type of number and try to come up with examples that are true and examples that are false to help you!

1. **A whole number is a rational number.**

always true   sometimes true   never true

_____
_____
_____

2. **An irrational number can be written as a proper fraction.**

always true   sometimes true   never true

_____
_____
_____

3. **The decimal form of a rational number terminates.**

always true   sometimes true   never true

_____
_____
_____

4. **A real number that is not rational is irrational.**

always true   sometimes true   never true

_____
_____
_____

5. **A negative number is a rational number.**

always true   sometimes true   never true

_____
_____
_____

6. **The square root of a natural number is irrational.**

always true   sometimes true   never true

_____
_____
_____

7. **A rational number is irrational.**

always true   sometimes true   never true

_____
_____
_____

8. **A rational number is an integer.**

always true   sometimes true   never true

_____
_____
_____