

7-5 Rational/Irrational Numbers

Name _____ Per. ____

Is the number rational or irrational? You must JUSTIFY your answer with mathematical reasoning!

1. 2π

5. $\frac{\pi}{2}$

2. $-\frac{10}{4}$

6. $-1.\bar{6}$

3. $\sqrt{29}$

7. $-\sqrt{196}$

4. $-\sqrt{144}$

8. $\sqrt{42}$