

Chapter 1

Real Numbers

Assessment based on Exercise 1.3 Question 1

Question 1:

Prove that $\sqrt{7}$ is an irrational number.

Solution:



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Question 2:

Prove that $\sqrt{3}$ is an irrational number.

Solution:



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Question 3:

Prove that $\sqrt{5}$ is an irrational number.

Solution:



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Question 4:

Prove that $\sqrt{11}$ is an irrational number.

Solution:



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Question 5:

Prove that $2\sqrt{3}$ is an irrational number.

Solution:

