Math Practice - Grade 8

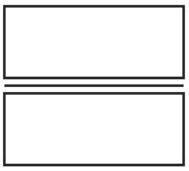
M1 Real numbers

M1 8.NS.A.1, 8.NS.A.2

Name: _____ Date: _____

Write a repeating decimal as a fraction. Tell whether a number is rational or irrational. Place an irrational number between two decimals on a number line.

1 **Write 0.7777... as a fraction in lowest terms.**



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2 **Is pi rational or irrational?**

Rational | Irrational

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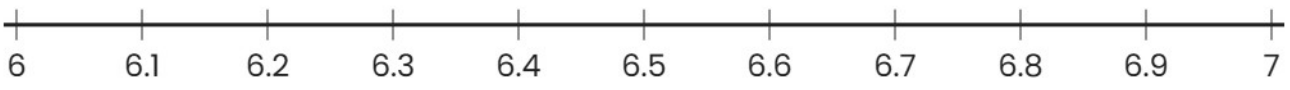
3 **Write two decimals, one below and one above the square root of 41.**



Below _____ Above _____

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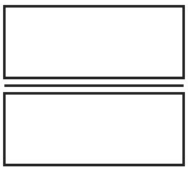
Name: _____ Date: _____

Write a repeating decimal as a fraction. Tell whether a number is rational or irrational. Place an irrational number between two decimals on a number line.

1 **Write 0.6464... as a fraction in lowest terms.**



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2 **Is the square root of 7 rational or irrational?**

Rational | Irrational

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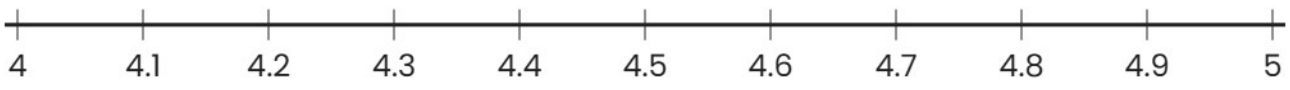
3 **Write two decimals, one below and one above the square root of 23.**



Below _____ Above _____

Math Practice - Grade 8

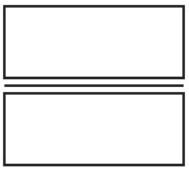
M1 Real numbers

M1 8.NS.A.1, 8.NS.A.2

Name: _____ Date: _____

Write a repeating decimal as a fraction. Tell whether a number is rational or irrational. Place an irrational number between two decimals on a number line.

1 **Write 0.2323... as a fraction in lowest terms.**



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2 **Is 1.5 rational or irrational?**

Rational | Irrational

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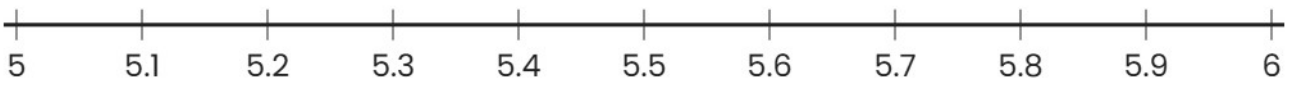
3 **Write two decimals, one below and one above the square root of 32.**



Below _____ Above _____