Georgia Department of Education

Common Core Georgia Performance Standards Framework

Fifth Grade Mathematics • Unit 2

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Decimal Designs Table



- 1. Look at the example in the table below. Read the following questions and discuss how you would answer them with your partner.
 - What do you notice about how "1 out of 10" is written in fraction form?
 - What do you notice about how "1 out of 10" is written in decimal number form?
 - How are they alike? How are they different?
- 2. Complete the table below. Fill in the last three rows of the table from the "Decimals Designs" student recording sheet.

Input	Output	
	Fraction	Decimal
1 out of 10	1 10	0.1
2 out of 10		00) To 10a Si
4 out of 10		001 hyduo 8V %
7 out of 10		000 16 164 001
10 out of 10		001 to suo
out of 10		00) fo tria
out of 10		001 to tuo
out of 10		

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Decimal Designs

Table, Page 2



- 3. Look at the example in the table below. Read the following questions and discuss how you would answer them with your partner.
 - What do you notice about how "29 out of 100" is written in <u>fraction</u> form?
 - What do you notice about how "29 out of 100" is written in <u>decimal number</u> form?
 - · How are they alike? How are they different?
- 4. Complete the table below. Fill in the last three rows of the table from the "Decimals Designs" student recording sheet.

Input	Output	
	Fraction	Decimal
29 out of 10	29 100	0.29
44 out of 100	01	Of the two s
62 out of 100		GE to too \$
75 out of 100		GE Yorkpu P
100 out of 100		Of to max
out of 100		01 10 140 01 .
out of 100		Of to the
out of 100		Of to tuo

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Name	_ Date
Decimal D	esigns
Create tenths and hundredths designs and lo	abel them
accurately.	
	55 103 (0,018) 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	shaded boxes out of 1
I made mis 00 i so si soso. I to securio a faul	Shaded boxes out of 1
shaded boxes out of 10	Fraction Decimal
Fraction Decimal Number	
Fraction Decimal Number	
shaded boxes out of 10	shaded boxes out of 1
Fraction Decimal Number	FractionDecimal
shaded boxes out of 10	
Fraction Decimal Number	
Fraction Decimal Number	shaded boxes out of 10
	Fraction Decimal

MATHEMATICS • GRADE 5• UNIT 2: Decimals
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Dr. John D. Barge, State School Superintendent
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