Percents – Small and Large

Name _____

Class _____

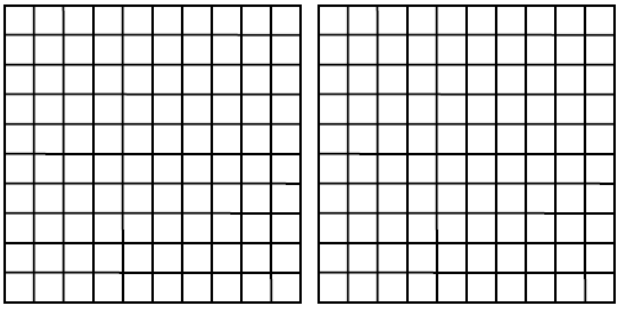
Problem 1 – Fundraiser Calculations

Joaquin is helping price items for the fundraiser garage sale. His target is to price all items at 120% of the original price.

1. One of the items costs $1. Find the fund raiser price.

Multiplication

100 grid



2. Help Joaquin finish the following pricing chart for the fund raiser.
Key presses from the Home screen: (price) [×] [1] [2] [0] [%] [ENTER]

Original Price	Fund Raiser Price
$8	
$14	
$5	
$22	

3. What does each square in Exercise 1 represent?

_____

4. Write the percent, decimal, and fraction that one square represents.

Percent: _____ Decimal: _____ Fraction: _____

5. If you wanted to represent 220%, can you do that on the grids in Exercise 1? Why or why not? _____

_____

6. Calculate 220% of $8. _____

7. Describe another way to enter 220% of $8 on the calculator without using the %.

Problem 2 – Little Bits

8. What does ½ (or 0.5) of a percent mean? Convert the following percents to decimals. For example one, press [5] [0] [%] [ENTER].

50% = _____ 5% = _____ 0.5% = _____

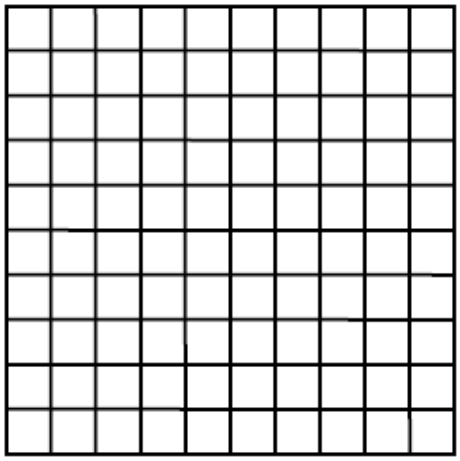
Describe what is happening with the decimals and percents. What does 0.5% represent? _____

_____

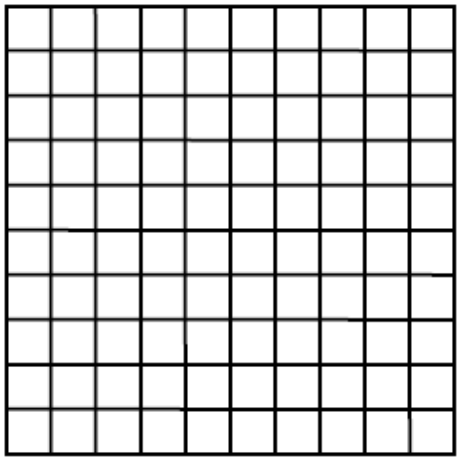
_____

Complete the following 100 grids with the given percent.

9. 0.25%



10. 0.5%



11. How does the shading of Exercises 9 and 10 compare to your answer for Exercise 3?

_____

_____

12. Convert the following percents to fractions and decimals. Use the [%] and [F↔D] keys.

0.1%	**0.47%**	**0.06%**
Decimal: _____	Decimal: _____	Decimal: _____
Fraction: _____	Fraction: _____	Fraction: _____