

Luna's Space Adventure

Grade 4 · Decimals on grids · 4.2F

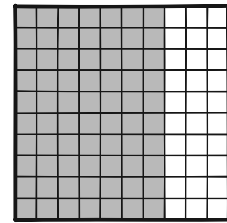
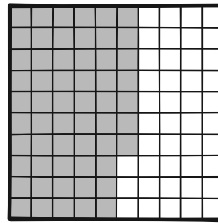
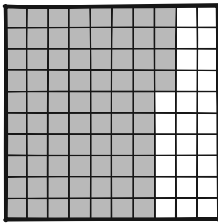
Name _____

Date _____

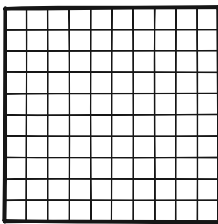


Astronaut Luna is exploring a far-off corner of space. Solve each problem to help Luna's mission go smoothly!

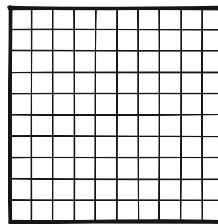
Name the decimal The whole grid is 1. A column is a tenth; a square is a hundredth.



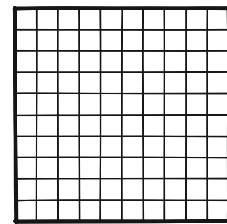
Shade it Shade whole columns for the tenths, then squares for the hundredths.



Shade 0.61

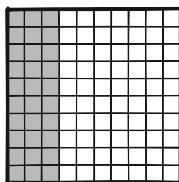


Shade 0.93

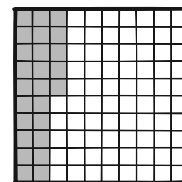


Shade 0.22

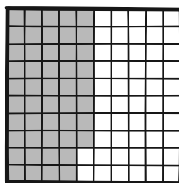
Which is more? In each row, circle the decimal with more of its grid shaded.



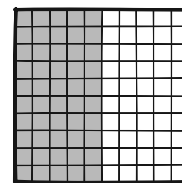
0.3



0.25



0.48



0.5



Luna's Space Adventure

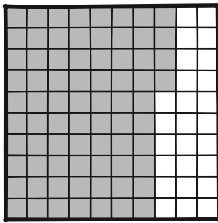
Grade 4 · Decimals on grids · 4.2F

ANSWER KEY

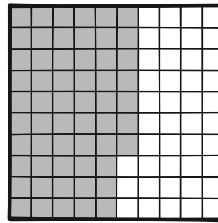


Astronaut Luna is exploring a far-off corner of space. Solve each problem to help Luna's mission go smoothly!

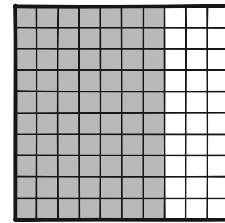
Name the decimal The whole grid is 1. A column is a tenth; a square is a hundredth.



0.74

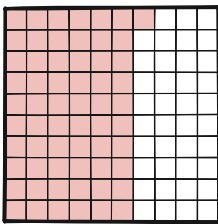


0.57

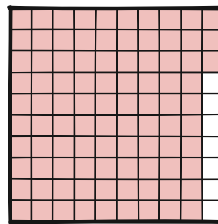


0.7

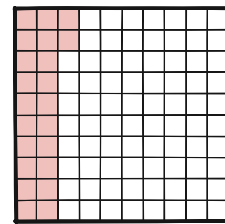
Shade it Shade whole columns for the tenths, then squares for the hundredths.



Shade 0.61

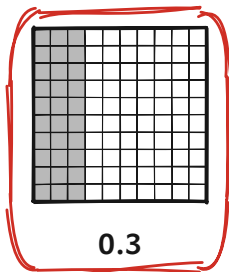


Shade 0.93

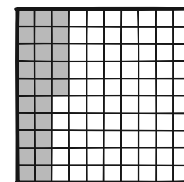


Shade 0.22

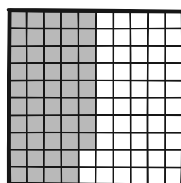
Which is more? In each row, circle the decimal with more of its grid shaded.



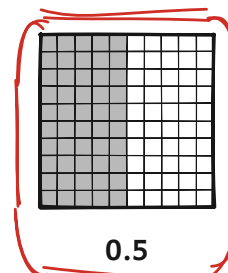
0.3



0.25



0.48



0.5



Luna's Space Adventure

Grade 4 · Decimals on grids · 4.2F

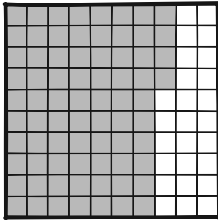
GUIDE

1 What this sheet practises

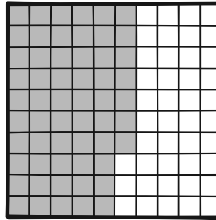
Showing tenths and hundredths on hundredths grids, naming the decimal a grid shows, and comparing two decimals with the grids.

2 A problem from the sheet, worked out

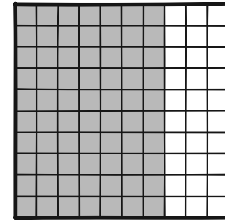
Name the decimal The whole grid is 1. A column is a tenth; a square is a hundredth.



0.37



0.57



0.7

How: The whole grid is 1. A full column is one tenth (0.1); one square is a hundredth (0.01). Count the columns, then the extra squares: 3 columns and 7 squares is 0.37.

3 Words to know

tenth one of ten equal parts of a whole: 0.1

hundredth one of a hundred equal parts: 0.01

decimal a number with a point, like 0.37

compare decide which is greater

4 Watch for

- Reading 0.4 as less than 0.37 because 4 is less than 37.
- Counting columns as hundredths.
- Writing 0.7 for 7 squares instead of 0.07.

5 Where it fits

BEFORE

4.NF.C.5

Add fractions with denominators of 10 and 100.

THIS SHEET

4.2F

Compare and order decimals to hundredths using models.

NEXT

5.NBT.A.3

Read, write and compare decimals to thousandths.

6 Helping at home

Shade a 10 × 10 grid for prices: 37 cents is 0.37 of a dollar.

