

Luna's Space Adventure

Grade 3 · Fractions of a whole · 3.NF.A.1

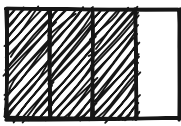
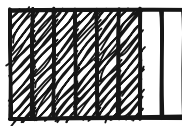
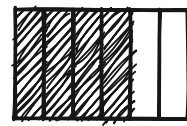
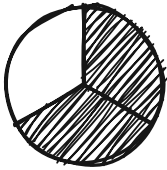
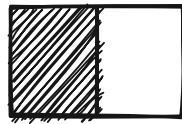
Name _____

Date _____



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

What part is shaded? Count the equal parts, then the shaded ones.

Parts of a whole How many of the unit fraction make it?

$\frac{2}{4}$ is parts of size $\frac{1}{4}$

$\frac{5}{6}$ is parts of size $\frac{1}{6}$

$\frac{8}{8}$ is parts of size $\frac{1}{8}$

$\frac{2}{3}$ is parts of size $\frac{1}{3}$

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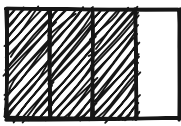
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ANSWER KEY

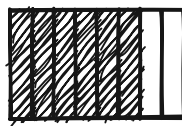


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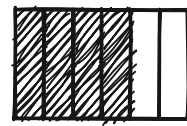
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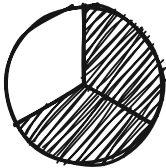
3
4



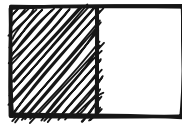
6
8



4
6



2
3



1
2

Parts of a whole How many of the unit fraction make it?

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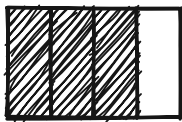
GUIDE

① What this sheet practises

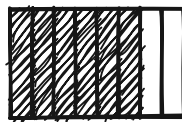
What a fraction means: the bottom number is how many equal parts make the whole, and the top is how many of those parts.

② A problem from the sheet, worked out

What part is shaded? Count the equal parts, then the shaded ones.



3
4



6
8

How: Count the equal parts in the whole for the bottom number, then the shaded parts for the top.
 $\frac{2}{4}$ is 2 parts of size $\frac{1}{4}$.

③ Words to know

fraction a number for part of a whole

unit fraction one equal part: $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$

numerator the top number: how many parts

denominator the bottom number: equal parts in the whole

④ Watch for

- Putting the unshaded parts on top.
- Counting parts that aren't equal.
- Writing the total number of parts on top.

⑤ Where it fits

BEFORE

2.G.A.3

Split circles and rectangles into two, three or four equal shares.

THIS SHEET

3.NF.A.1

Understand a unit fraction as one of the equal parts of a whole.

NEXT

4.NF.B.3

Add and subtract fractions and mixed numbers with like denominators.

⑥ Helping at home

Cut a sandwich into equal parts and name them: you ate 3 of the 8 pieces, so that's $\frac{3}{8}$.