

Luna's Space Adventure

Grade 3 · Fractions of a set · 3.NOS.F.11

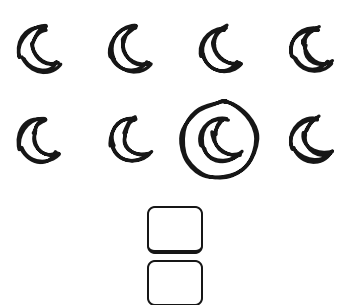
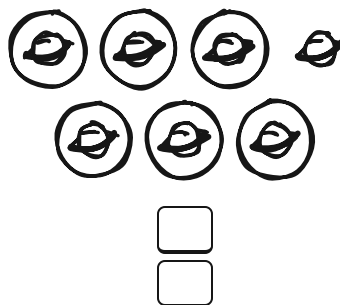
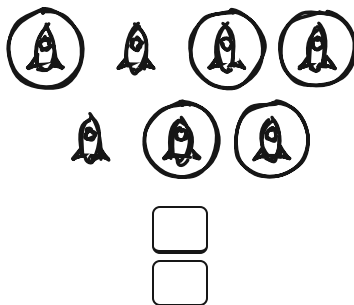
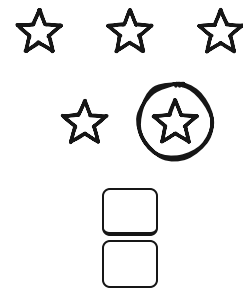
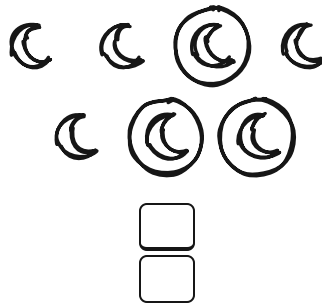
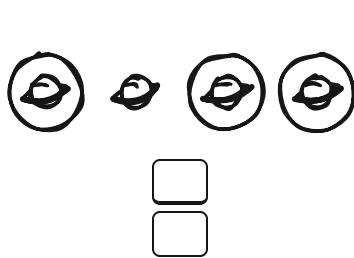
Name _____

Date _____

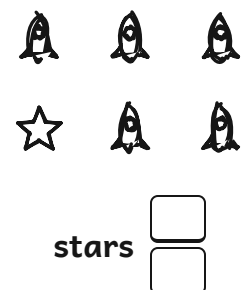
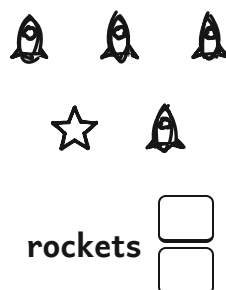
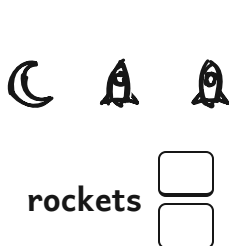


Astronaut Luna is exploring a far-off corner of space. Solve each problem to help Luna's mission go smoothly!

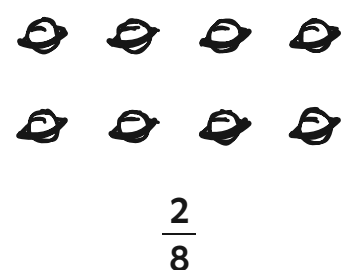
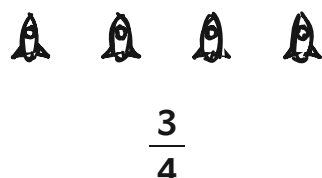
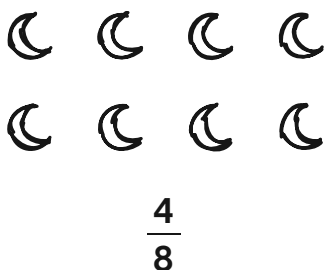
What part is circled? Count the set, then the circled ones. Write the fraction.



Which kind? What fraction of each set is the kind named under it?



Circle the fraction Circle that fraction of each set.



Luna's Space Adventure

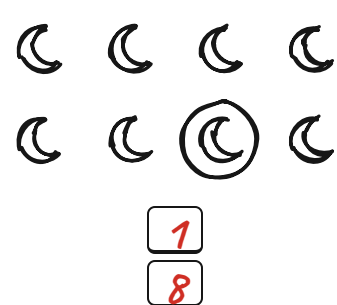
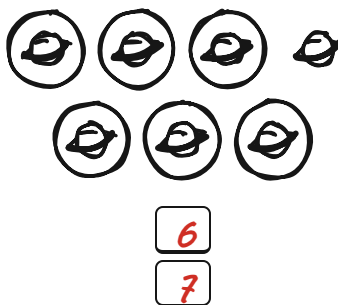
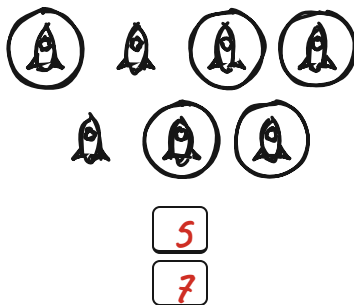
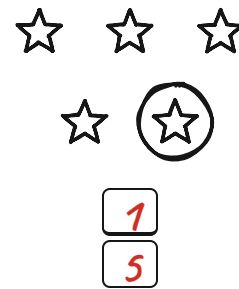
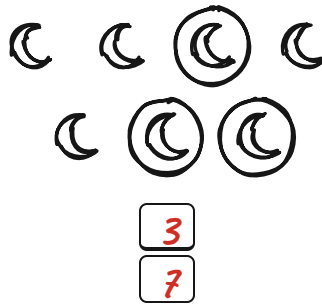
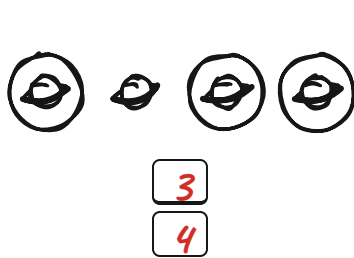
Grade 3 · Fractions of a set · 3.NOS.F.11

ANSWER KEY

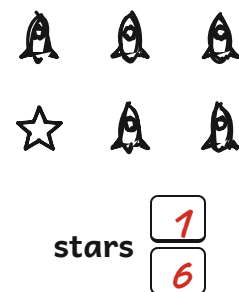
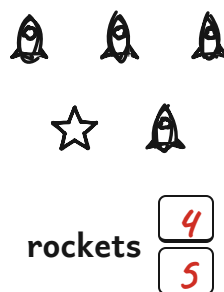
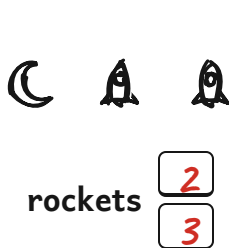


Astronaut Luna is exploring a far-off corner of space. Solve each problem to help Luna's mission go smoothly!

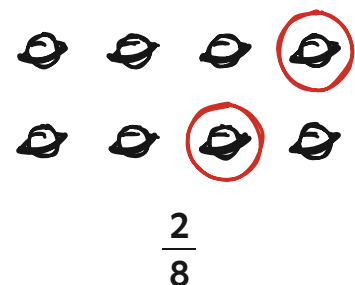
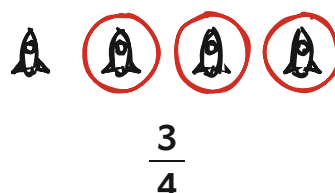
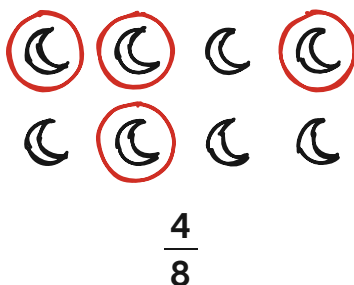
What part is circled? Count the set, then the circled ones. Write the fraction.



Which kind? What fraction of each set is the kind named under it?



Circle the fraction Circle that fraction of each set.



Luna's Space Adventure

Grade 3 · Fractions of a set · 3.NOS.F.11

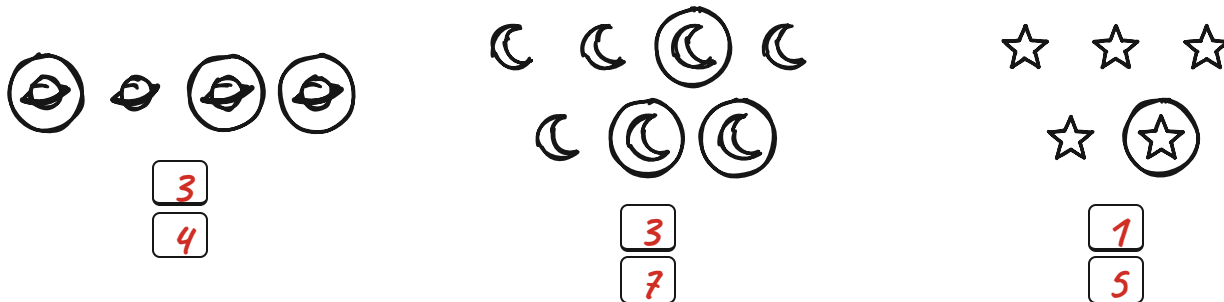
GUIDE

1 What this sheet practises

Using fractions for part of a group, not just part of a shape. If 2 of 5 stars are circled, $\frac{2}{5}$ of the set is circled. Your child counts the set and the part, then writes the fraction.

2 A problem from the sheet, worked out

What part is circled? Count the set, then the circled ones. Write the fraction.



How: Count everything in the set: that's the bottom number. Count the ones asked about: that's the top number. 1 circled out of 4 stars is $\frac{1}{4}$.

3 Words to know

set a group of things counted together

fraction a number that names part of a whole or set

numerator the top number: how many are counted

denominator the bottom number: how many in all

4 Watch for

- Putting the circled over the uncircled: 1 of 4 circled is $\frac{1}{4}$, not $\frac{1}{3}$.
- Counting only one kind for the bottom number when the set has two kinds.
- For “circle $\frac{4}{6}$ ”, circling 6 things instead of 4 out of the 6.

5 Where it fits

BEFORE

3.NF.A.1

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

THIS SHEET

3.NOS.F.11

Name a fraction of a set: 2 red balls out of 5 balls is $\frac{2}{5}$ of the set.

6 Helping at home

Put out a handful of socks, spoons or crayons. Ask what fraction are blue, then what fraction are not, and notice together they make the whole set.