

Luna's Space Adventure

Grade 3 · Fraction strips · 3.3A

Name _____

Date _____



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

Name the fraction The whole strip is 1. What fraction is shaded?



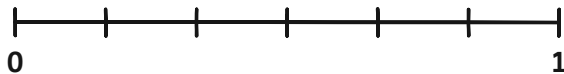


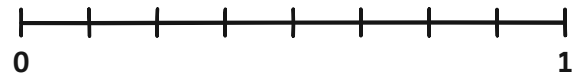




Strip and number line

Write the shaded fraction. Then mark it on the number line under the strip.





Shade it Shade the fraction of each strip.



Shade $\frac{3}{4}$



Shade $\frac{2}{6}$



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ANSWER KEY



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

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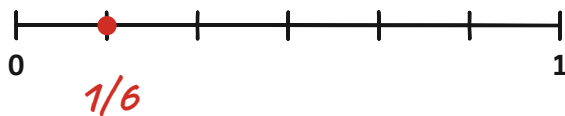
$\frac{1}{2}$



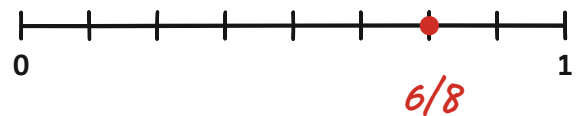
$\frac{2}{3}$

Strip and number line

Write the shaded fraction. Then mark it on the number line under the strip.



$\frac{1}{6}$



$\frac{6}{8}$

Shade it Shade the fraction of each strip.



Shade $\frac{3}{4}$



Shade $\frac{2}{6}$



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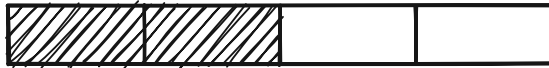
GUIDE

1 What this sheet practises

Naming the shaded part of a fraction strip, matching the strip to a point on a number line from 0 to 1, and shading a fraction.

2 A problem from the sheet, worked out

Name the fraction The whole strip is 1. What fraction is shaded?



$\frac{2}{4}$



$\frac{2}{6}$

How: Count the equal parts: that's the bottom number. Count the shaded parts: that's the top. On the number line, each part of the strip is one jump.

3 Words to know

fraction strip a bar that is one whole, cut into equal parts

numerator the top number: how many parts are shaded

denominator the bottom number: how many equal parts

number line a line where each point is a number

4 Watch for

- Writing shaded over unshaded ($\frac{2}{3}$ for 2 of 3 parts).
- Counting tick marks instead of jumps on the number line.
- Shading parts that aren't next to each other, then miscounting.

5 Where it fits

BEFORE

2.G.A.3

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

THIS SHEET

3.3A

Show fractions up to one whole (halves to eighths) with objects, strip diagrams and number lines.

NEXT

3.NF.A.3

Find equivalent fractions and compare fractions by thinking about their size.

6 Helping at home

Fold a strip of paper into equal parts, color some, and name the fraction together.

