

Luna's Space Adventure

Grade 3 · What is area? · 3.MD.C.5

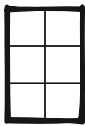
Name _____

Date _____



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

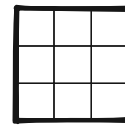
Count the squares Each small square is 1 square unit.



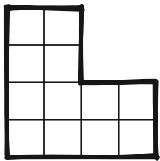
sq units



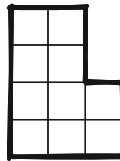
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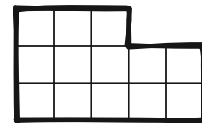
sq units



sq units

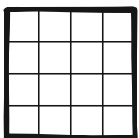


sq units



sq units

Area of 6 Circle every shape with an area of 6 square units.



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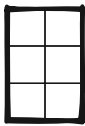
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ANSWER KEY



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

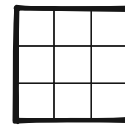
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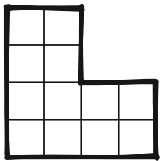
6 sq units



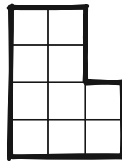
10 sq units



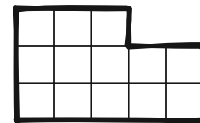
9 sq units



12 sq units

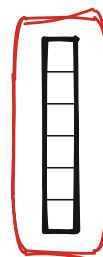
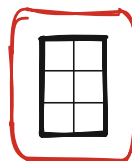
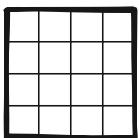


10 sq units



13 sq units

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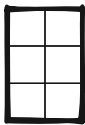
GUIDE

① What this sheet practises

What area is: how many unit squares cover a flat shape, with no gaps or overlaps.

② A problem from the sheet, worked out

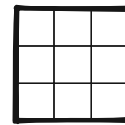
Count the squares Each small square is 1 square unit.



6 sq units



10 sq units



9 sq units

How: Count every square inside the shape exactly once. That count is the area in square units.

③ Words to know

area how much space a flat shape covers

square unit a square 1 unit on each side

overlap covering the same spot twice

gap a space left uncovered

④ Watch for

- Counting some squares twice or skipping some.
- Counting the lines around the edge instead of the squares.
- Thinking a longer shape always has more area.

⑤ Where it fits

BEFORE

2.G.A.2

Split a rectangle into rows and columns of equal squares and count them.

THIS SHEET

3.MD.C.5

Understand area as how many unit squares cover a shape.

NEXT

4.MD.A.3

Use area and perimeter formulas for rectangles.

⑥ Helping at home

Cover a book with sticky notes or crackers and count them: that's its area in crackers.