

Luna's Space Adventure

Grade 3 · Measuring area · 3.MD.C.6

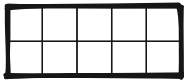
Name _____

Date _____

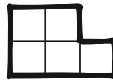


Astronaut Luna is exploring a far-off corner of space. Solve each problem to help Luna's mission go smoothly!

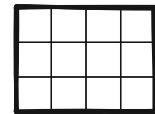
Measure the area Count square units. Try counting rows.



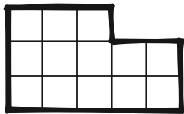
sq units



sq units



sq units



sq units

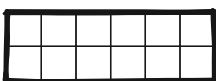


sq units

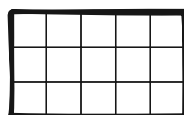


sq units

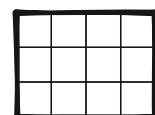
Rows of squares How many rows? How many in each row? Multiply.



$$2 \times 6 = \boxed{}$$



$$3 \times 5 = \boxed{}$$



$$3 \times 4 = \boxed{}$$

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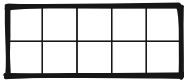
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ANSWER KEY

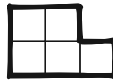


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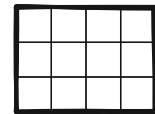
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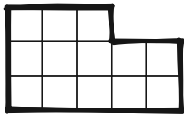
10 sq units



5 sq units



12 sq units



13 sq units



6 sq units

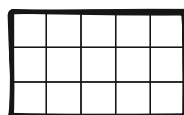


10 sq units

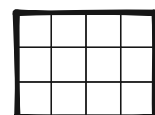
Rows of squares How many rows? How many in each row? Multiply.



$$2 \times 6 = 12$$



$$3 \times 5 = 15$$



$$3 \times 4 = 12$$

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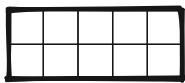
GUIDE

① What this sheet practises

Measuring area by counting square units, and counting faster by rows.

② A problem from the sheet, worked out

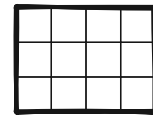
Measure the area Count square units. Try counting rows.



10 sq units



5 sq units



12 sq units

How: Count the squares one by one, or count the rows and how many squares are in each row, then multiply.

③ Words to know

area how much space a flat shape covers

square unit a square 1 unit on each side

row a line of squares going across

column a line of squares going down

④ Watch for

- Counting only the squares around the outside.
- Missing a row.
- Writing the answer without square units.

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.6

Measure area by counting unit squares.

NEXT

4.MD.A.3

Use area and perimeter formulas for rectangles.

⑥ Helping at home

Floor or wall tiles make good area puzzles: count the rows, count one row, and multiply.