

Name: _____

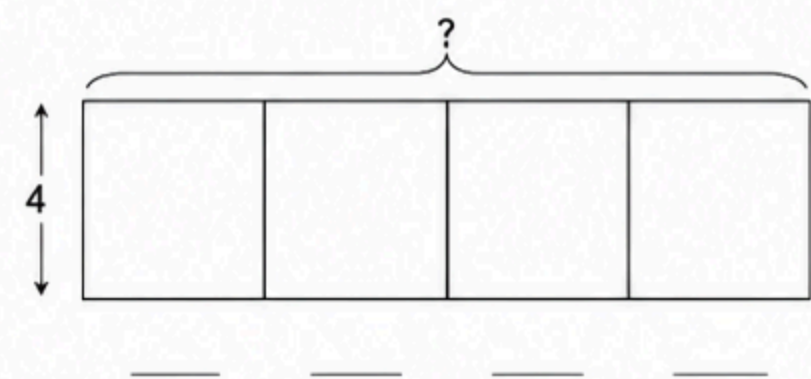
Date: _____

Division with Area Models

Grade 6

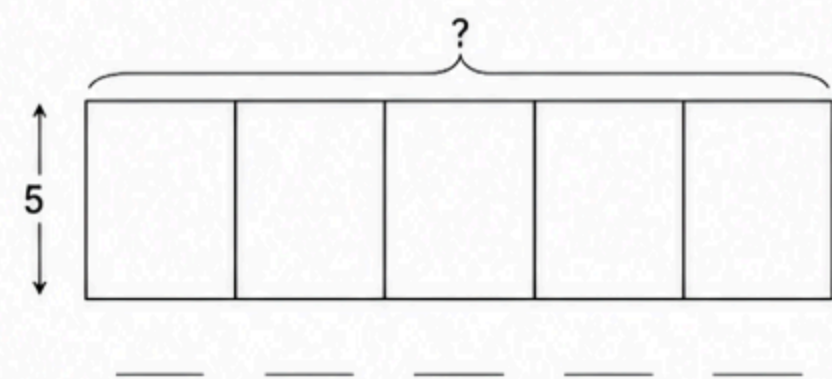
Directions: Use the area models to divide. Show your work by filling in the boxes.
Write your quotient and remainder.

1. $328 \div 4$



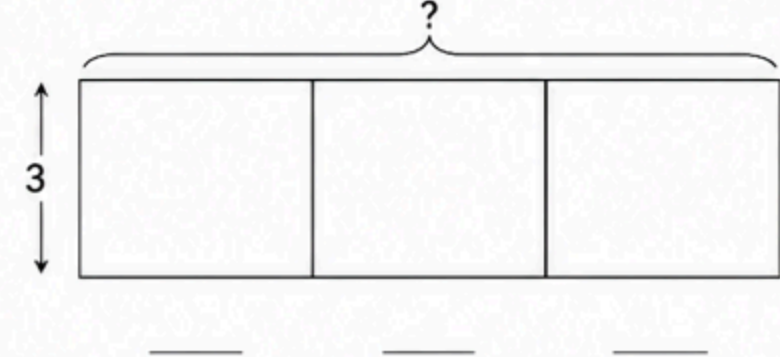
Quotient: _____ Remainder: _____

2. $572 \div 5$



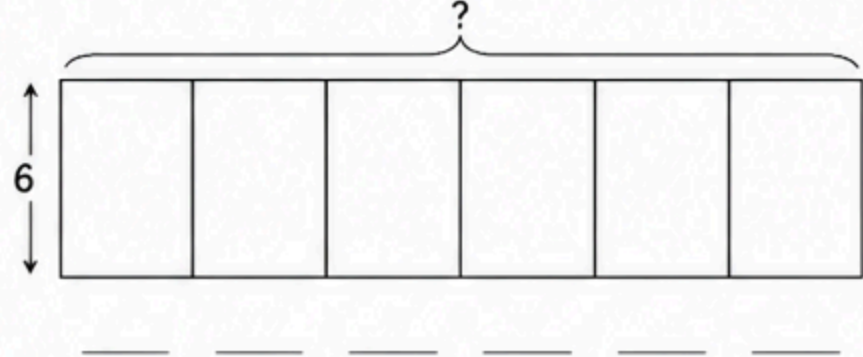
Quotient: _____ Remainder: _____

3. $846 \div 3$



Quotient: _____ Remainder: _____

4. $729 \div 6$



Quotient: _____ Remainder: _____

5–6. Solve using an area model. Draw the model, then write your quotient and remainder.

5. A garden is 658 square feet. It is divided equally among 7 raised beds.
How many square feet are in each bed?

Quotient: _____ Remainder: _____

6. A school has 483 books. They are placed equally on 4 shelves.
How many books are on each shelf?

Quotient: _____ Remainder: _____

7. A carpet is 915 square feet. It will be cut into 8 equal sections.
How many square feet will be in each section? Draw an area model to show your work.

Quotient: _____ Remainder: _____