

DIVISION FACTS STRATEGY MAT

Name: _____

Date: _____

KEY VOCABULARY

Dividend = the total or number to divide

Divisor = the number we divide by

Quotient = the answer

Remainder = what is left over

$$12 \div 3 = 4$$

↑ ↑ ↑
Dividend Divisor Quotient

MY DIVISION FACTS

Write division facts you know.



STRATEGIES I CAN USE

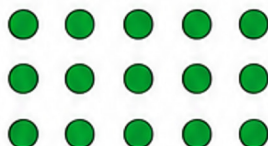
1 EQUAL GROUPS

Share into equal groups.
Draw or use counters.



2 ARRAYS

Make rows and columns.
Use an array.



3 SKIP COUNTING

Count by the divisor.
How many groups?



4 RELATED FACTS

Use facts you know.
Think: double, half,
or multiply.

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

5 REMAINDERS

Divide. What is left over?
Write the remainder.

$$\underline{\quad} \div \underline{\quad} = \underline{\quad} r \underline{\quad}$$

Dividend Divisor Quotient Remainder

6 MENTAL MATH

Solve in your head.
Show your thinking.



CHECK MY ANSWER

- Multiply to check: divisor \times quotient = dividend
- Add the remainder: (divisor \times quotient) + remainder = dividend
- Is the remainder less than the divisor?

EXAMPLE

$$17 \div 4 = 4 r 1$$



$$\text{Check: } (4 \times 4) + 1 = 17 \checkmark$$