Bus Stop Method

Formal Division of 3-Digit Numbers

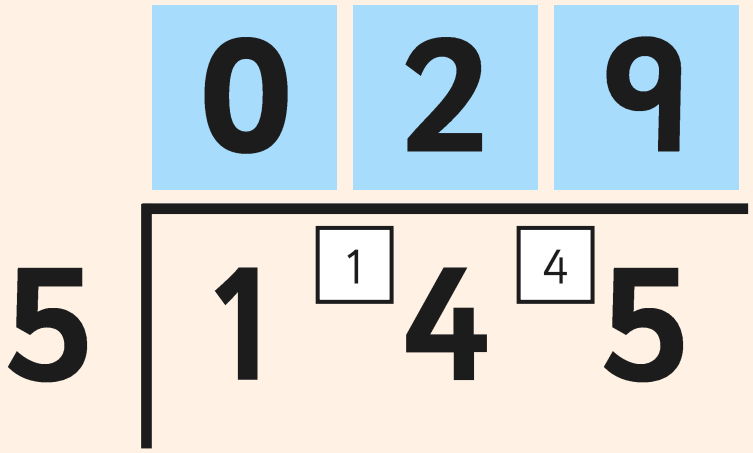
WALT:
calculate divisions using the short method.

WILF:

I can use the bus stop method to calculate 3-digit number by 1-digit number divisions.

I can use the division facts I know.

$$145 \div 5 = 29$$



How many 5s are there in 1?

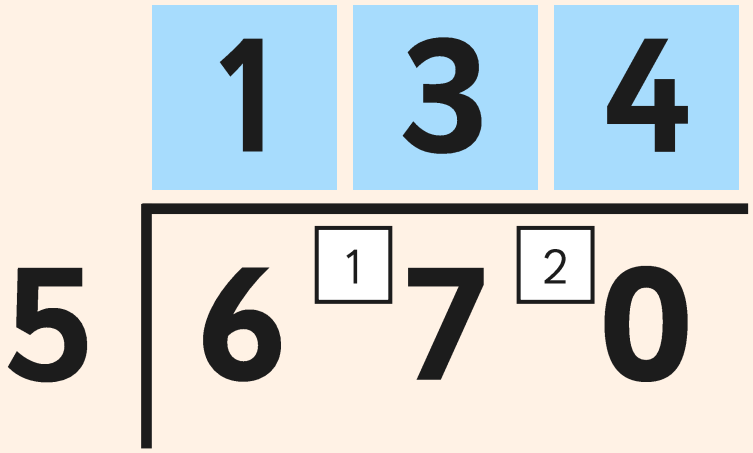
How many are left over?

How many 5's are there in 14?

How many are left over?

How many 5s are there in 45?

$$670 \div 5 = 134$$



How many 5s are there in 6?

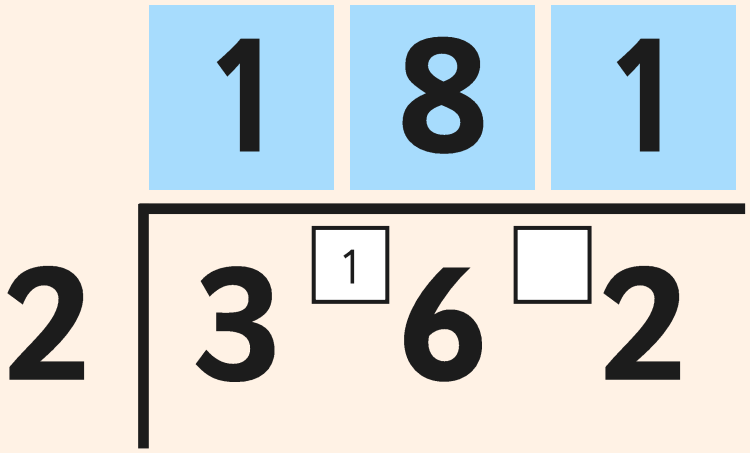
How many are left over?

How many 5's are there in 17?

How many are left over?

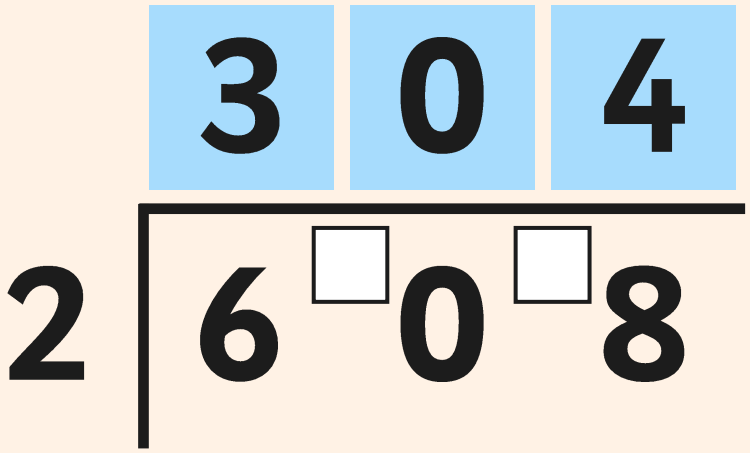
How many 5s are there in 20?

$$362 \div 2 = 181$$



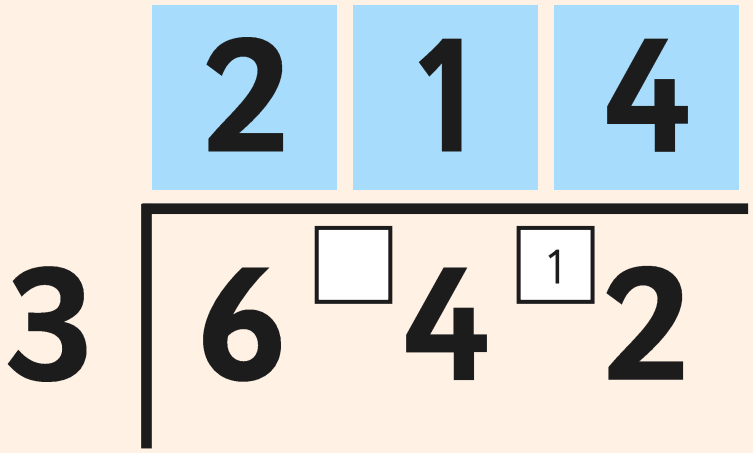
How many 2s are there in 3?
How many are left over?
How many 2's are there in 16?
How many are left over?
How many 2s are there in 2?

$$608 \div 2 = 304$$



How many 2s are there in 6?
How many are left over?
How many 2's are there in 0?
How many are left over?
How many 2s are there in 8?

$$642 \div 3 = 214$$



How many 3s are there in 6?

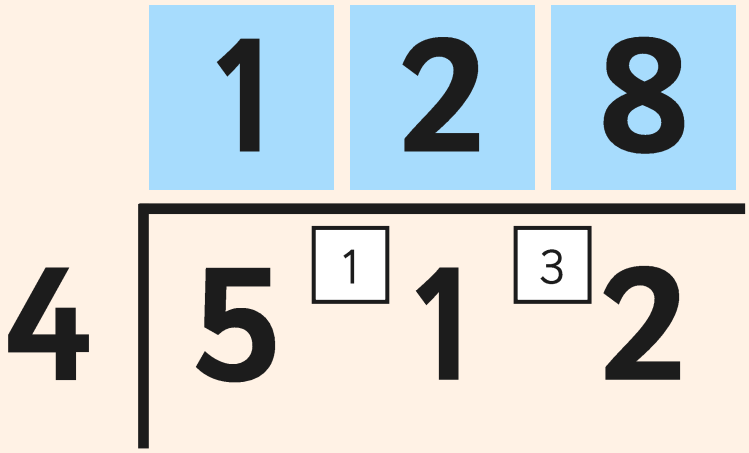
How many are left over?

How many 3's are there in 4?

How many are left over?

How many 3s are there in 12?

$$512 \div 4 = 128$$



How many 4s are there in 5?
How many are left over?
How many 4's are there in 11?
How many are left over?
How many 4s are there in 32?

Plenary

Wendy wants to share her 112 sweets to her 4 friends. How many sweets does each girl get?

a) 112 divided by 4 = 37 sweets
b) 112 divided by 4 = 26 sweets
c) 112 divided by 4 = 28 sweets

Which is the correct answer?