

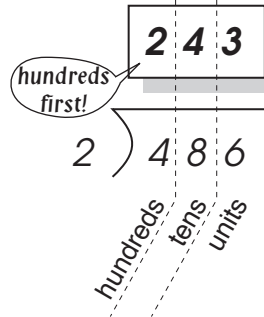
9. [Large Number ÷]

Skill 9.1 Dividing a large number by a single digit, without carry over.

MM3.2 11 22 33 44
MM4.1 11 22 33 44

- Divide from left to right across the digits, one at a time.

Q. $486 \div 2 =$ A. **243**



Hundreds:

$4 \div 2 = 2 \Rightarrow 2$ hundreds

Tens:

$8 \div 2 = 4 \Rightarrow 4$ tens

Units:

$6 \div 2 = 3 \Rightarrow 3$ units

Read as: 486 divided by 2 equals?
OR How many 2's go into 486?
OR 486 divides by 2 how many times?

Consider: $486 \div 2 = 243$
 $2 \times 243 = 486$

a) $600 \div 3 =$

hundreds first!

b) $800 \div 2 =$

c) $900 \div 3 =$

d) $770 \div 7 =$

e) $408 \div 4 =$

f) $306 \div 3 =$

g) $284 \div 2 =$

h) $369 \div 3 =$

i) $6000 \div 3 =$

thousands first!

j) $2860 \div 2 =$

k) $8864 \div 2 =$

l) $9063 \div 3 =$

m) $8000 \div 2 =$

n) $4806 \div 2 =$

o) $4048 \div 4 =$

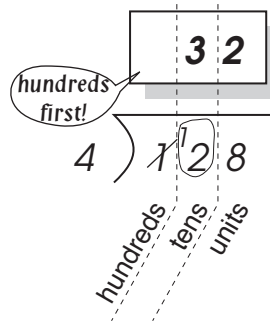
Skill 9.2 Dividing a large number by a single digit, with carry over - no remainder.

MM3.2 11 22 33 44
MM4.1 11 22 33 44

- Divide from left to right across the digits one at a time.
- If any result is less than 1: Break down the number being divided into. 'Carry over' this amount to the next column. Add on the carry. Then try dividing again.

Q. $128 \div 4 =$

A. 32



Hundreds:

$1 \div 4 = ?$

The result is < 1 .

Break down the 1 hundred into 10 tens and carry them to the tens column.

Tens:

$2 + 10$ (carry over) $= 12$

$12 \div 4 = 3$

\Rightarrow 3 tens

Units:

$8 \div 4 = 2$

\Rightarrow 2 units

Read as: 128 divided by 4 equals?
OR How many 4's go into 128?
OR 128 divides by 4 how many times?

Consider: $128 \div 4 = 32$
 $4 \times 32 = 128$

a) $515 \div 5 =$

hundreds first!

b) $324 \div 2 =$

c) $453 \div 3 =$

d) $392 \div 7 =$

e) $312 \div 4 =$

f) $592 \div 8 =$

g) $204 \div 6 =$

h) $369 \div 9 =$

i) $5150 \div 5 =$

thousands first!

j) $4125 \div 3 =$

k) $1734 \div 2 =$

l) $1060 \div 4 =$

m) $6081 \div 3 =$

n) $1112 \div 4 =$

o) $3616 \div 8 =$