

1 Work out the divisions.

You may use the place value charts to help you.

a)

Th	H	T	O
		6	0

 $60 \div 10$

c)

Th	H	T	O
1	4	9	0

 $1,490 \div 10$

b)

Th	H	T	O
	4	9	0

 $490 \div 10$

d) What happens to the digits when you divide a number by 10?

2 Complete the division sentences.

a) $90 \div 10 = \square$ e) $32,390 \div 10 = \square$

b) $750 \div 10 = \square$ f) $6,200 \div 10 = \square$

c) $820 \div 10 = \square$ g) $700 \div 10 = \square$

d) $\square = 1,460 \div 10$ h) $92,000 \div 10 = \square$

3 Work out the divisions. Use the place value charts to help you.

a)

HTh	TTh	Th	H	T	O
			9	0	0

 $900 \div 100$

b)

HTh	TTh	Th	H	T	O
	1	6	0	0	0

 $16,000 \div 100$

c)

HTh	TTh	Th	H	T	O
		9	0	0	0

 $9,000 \div 1,000$

d)

HTh	TTh	Th	H	T	O
7	6	8	0	0	0

 $768,000 \div 1,000$

e) Explain to a partner how to divide a number by 100. Ask them to explain to you how to divide a number by 1,000

4 Complete the division sentences.

a) $4,500 \div 10 = \square$ c) $\square \div 10 = 76$

$62,000 \div 10 = \square$ $\square \div 100 = 76$

$739,300 \div 10 = \square$ $\square \div 1,000 = 76$

b) $4,500 \div 100 = \square$ d) $\square \div 1,000 = 30$

$62,000 \div 100 = \square$ $\square \div 1,000 = 300$

$739,300 \div 100 = \square$ $\square \div 1,000 = 3,000$

5 Complete the table.

Number	Number divided by 10	Number divided by 100	Number divided by 1,000
65,000			
	7,200		
		3,500	

6 Write <, > or = to make the statements true.

a) $4,900 \div 10$ $\bigcirc$ $4,900 \div 100$

b) $56,000 \div 100$ $\bigcirc$ $65,000 \div 100$

c) $93,000 \div 1,000$ $\bigcirc$ $9,300 \div 100$

d) $5,700 \div 100$ $\bigcirc$ $5,700 \div 1,000$

4 Complete the division sentences.

a) $4,500 \div 10 = \square$ c) $\square \div 10 = 76$
 $62,000 \div 10 = \square$ $\square \div 100 = 76$
 $739,300 \div 10 = \square$ $\square \div 1,000 = 76$

b) $4,500 \div 100 = \square$ d) $\square \div 1,000 = 30$
 $62,000 \div 100 = \square$ $\square \div 1,000 = 300$
 $739,300 \div 100 = \square$ $\square \div 1,000 = 3,000$

5 Complete the table.

Number	Number divided by 10	Number divided by 100	Number divided by 1,000
65,000			
	7,200		
		3,500	

6 Write $<$, $>$ or $=$ to make the statements true.

a) $4,900 \div 10$ $4,900 \div 100$
b) $56,000 \div 100$ $65,000 \div 100$
c) $93,000 \div 1,000$ $9,300 \div 100$
d) $5,700 \div 100$ $5,700 \div 1,000$

7 Complete the sentences.

- a) Dividing a number by 10 and then by 10 again is the same as ...
b) Dividing a number by 1,000 is the same as dividing by 10 and then ...
Compare answers with a partner.

8 In 2019, 568,000 houses were built.

In 2018, 10 times fewer houses were built than in 2019

In 2017, 100 times fewer houses were built than in 2019

- a) How many houses were built in 2018?
b) How many houses were built in 2017?
c) How many houses were built between 2017 and 2019?

9 Alex is thinking of a number.

- She divides the number by 100
- The answer has one more in the hundreds column than in the tens column.
- The total of the digits is 15

What could the number be?

How many different answers can you find?