

Tuesday

Multiply 2-digits by 1-digit (2)



- 1 There are 23 marbles in a jar.
There are 5 jars.

Tens	Ones

How many marbles are there in total?

$5 \times 3 \text{ ones} = \square$
 $5 \times 2 \text{ tens} = \square$
 $\square + \square = \square$
 $5 \times 23 = \square$
 There are \square marbles in total.

- 2 Work out 4×15

Tens	Ones

$4 \times 5 = \square$
 $4 \times 10 = \square$
 $4 \times 15 = \square$

- 3 Complete the multiplications.

a) $4 \times 24 = \square$
 b) $3 \times 17 = \square$
 c) $3 \times 25 = \square$
 d) $34 \times 4 = \square$

- 4 Complete the column multiplications.

Tens	Ones

$$\begin{array}{r} \text{T O} \\ 24 \\ \times 3 \\ \hline \end{array}$$

Tens	Ones
10 10 10	1 1 1 1 1
10 10 10	1 1 1 1 1
10 10 10	1 1 1 1 1
10 10 10	1 1 1 1 1

$$\begin{array}{r} \text{T O} \\ 35 \\ \times 4 \\ \hline \end{array}$$

6 Tommy works out 37×2

$$\begin{array}{r} \text{T O} \\ 37 \\ \times 2 \\ \hline 614 \end{array}$$

What mistake has Tommy made? Work out the correct answer.

5 Work out the multiplications.

a) 25×5

c) 5×26

$$\begin{array}{r} \text{T O} \\ 25 \\ \times 5 \\ \hline \end{array}$$

b) 35×6

d) 4×36

$$\begin{array}{r} \text{T O} \\ 35 \\ \times 6 \\ \hline \end{array}$$

7 Find the missing numbers.

$$\begin{array}{r} 22 \\ \times \square \\ \hline 88 \end{array}$$

$$\begin{array}{r} \square 1 \\ \times \square \\ \hline 124 \end{array}$$

8 Here are some digit cards.

1 2 3 4 5 8

a) Use the digit cards to create a multiplication and work out the answer.

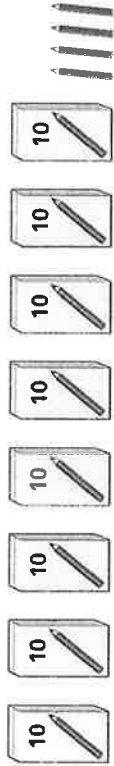
$$\square \square \square \times \square \square = \square \square \square$$

b) Work with a partner to find calculations that have:

- an odd product
- an even product
- an exchange in the ones column
- an exchange in the ones and tens columns.

Divide 2-digits by 1-digit (1)

1 There are 84 pencils to be shared equally into 4 pots.



a) Draw the pencils on the place value chart to show how they are shared.

Tens	Ones

b) Complete the number sentences.

8 tens \div 4 = tens 4 ones \div 4 = one

$84 \div 4 =$

c) How many pencils are in each pot?

2 Use a place value chart to work out the calculations.

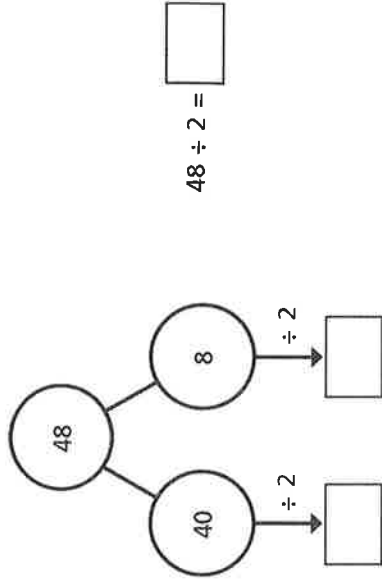
a) $39 \div 3 =$

b) $68 \div 2 =$

3 Amir solves $48 \div 2$ on a place value chart.

Tens	Ones

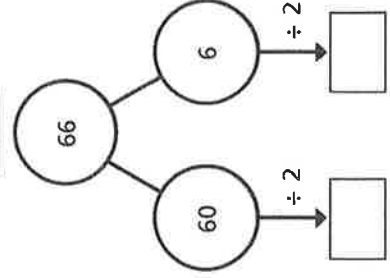
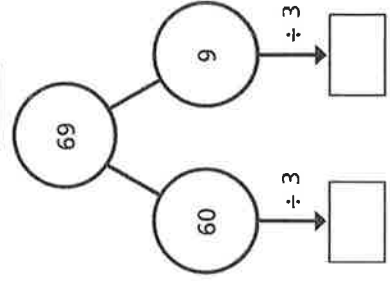
Complete the part-whole model to show what Amir has done.



4 Work out the divisions.

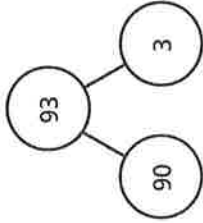
a) $69 \div 3 =$

b) $66 \div 2 =$



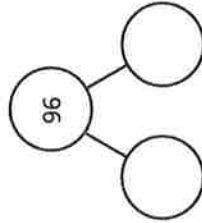
5 Work out the divisions.

a) $93 \div 3 = \square$



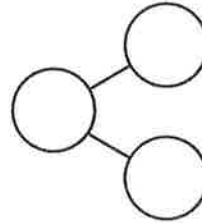
b) $82 \div 2 = \square$

$96 \div 3 = \square$



$84 \div 2 = \square$

$99 \div 3 = \square$



$86 \div 2 = \square$



6



88 can be divided equally by 2 and by 4

Do you agree with Annie? _____
Explain why. _____



Can Annie divide 88 equally by any other 1-digit numbers? _____

7

Esther has 2 jars of mints.

Esther shares the mints equally between 3 bowls.

How many mints are in each bowl?



There are mints in each bowl.

How many different ways can you work out the answer? _____



What do you notice?

Thursday

Divide 2-digits by 1-digit (2)

2 Eva has this money.



She wants to share the money equally between 3 people.

a) Use the place value chart to show how Eva can share the money.

Tens	Ones

b) How much money does each person get?

3 Divide 72 by 3



Tens	Ones

Use the place value counters to help you.

$$72 \div 3 = \square$$

1 Rosie has 56 pencils.

a) Draw base 10 to represent the pencils.

Rosie shares the 56 pencils equally between 4 pots.

b) Draw base 10 on the place value grid to share the pencils.

Tens	Ones

c) How many pencils are in each pot?

d) Did you have to make an exchange?

4 Use base 10 or counters to work out the divisions.

a) $45 \div 3 =$

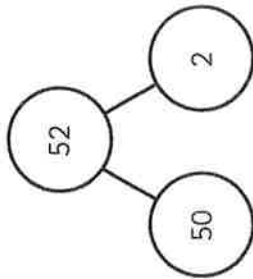
b) $57 \div 3 =$

c) $92 \div 4 =$

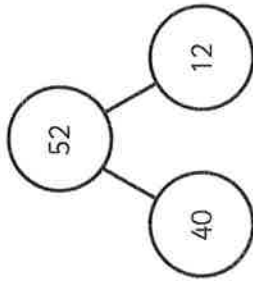
5 Rosie and Tommy are working out $52 \div 4$

They both use a part-whole model.

Rosie



Tommy



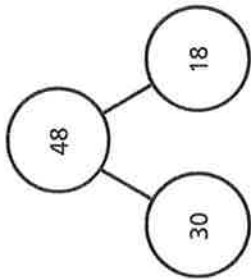
a) Whose part-whole model will help them with the division?

How do you know?

b) Use a part-whole model to work out $52 \div 4$

6 Use the part-whole models to complete the divisions.

a) $48 \div 3 =$

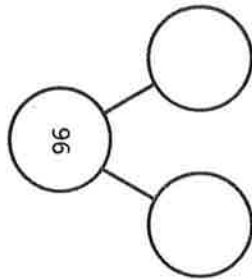


$30 \div 3 =$

$18 \div 3 =$

$48 \div 3 =$

b) $96 \div 4 =$



c) $65 \div 5 =$

d) $75 \div 3 =$

7 Here are 3 divisions.

$96 \div 8$

$96 \div 4$

$96 \div 2$

a) What is the same about the questions? What is different?

b) Complete the divisions.

$96 \div 8 =$

$96 \div 4 =$

$96 \div 2 =$

c) What do you notice? Talk about it with a partner.