Tricky (First part of video)

1 Rosie is working out 93 ÷ 3 using a place value chart.

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

Complete the division.

93 ÷ 3 = ☐

2 Use place value counters to complete the divisions.

a) 66 ÷ 3 = ☐

b) 86 ÷ 2 = ☐

c) 50 ÷ 5 = ☐

d) 48 ÷ 4 = ☐

e) ☐ = 39 ÷ 3

f) 84 ÷ 4 = ☐

4 Use place value counters to complete the divisions.

a) 72 ÷ 3 = ☐

b) 92 ÷ 4 = ☐

c) 65 ÷ 5 = ☐

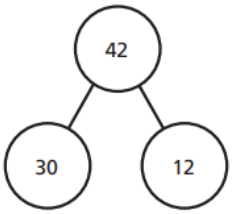
d) 48 ÷ 6 = ☐

e) ☐ = 45 ÷ 3

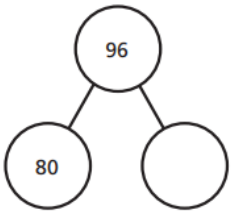
f) 64 ÷ 4 = ☐

Trickier (second part of video)

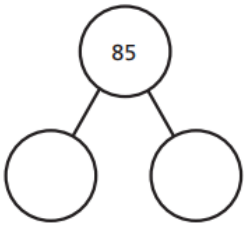
a) 42 ÷ 3 = ☐



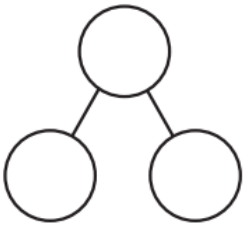
b) 96 ÷ 4 = ☐



c) 85 ÷ 5 = ☐

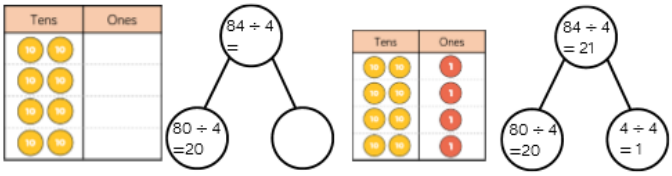


d) 84 ÷ 6 = ☐



Jack is dividing 84 by 4 using place value counters.

First, he divides the tens. Then, he divides the ones.



Use Jack's method to calculate:

69 ÷ 3 88 ÷ 4 96 ÷ 3

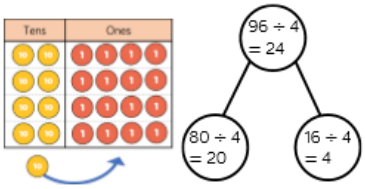
Kim has 92 beads.

She wants to share them equally between 4 friends.

How many beads will each friend get?

Trickiest – Complete Jack calculation from Trickier first before moving on to the challenges below

Rosie is calculating 96 divided by 4 using place value counters. First, she divides the tens. She has one ten remaining so she exchanges one ten for ten ones. Then, she divides the ones.



Use Rosie's method to solve

65 ÷ 5

75 ÷ 5

84 ÷ 6

Write <, > or = to make the statements correct.

96 ÷ 8 ◯ 72 ÷ 6

95 ÷ 5 ◯ 63 ÷ 3

51 ÷ 3 ◯ 64 ÷ 4

98 ÷ 7 ◯ 95 ÷ 5

There are some extension questions on the sheet below

Dora is calculating 72 ÷ 3
Before she starts, she says the calculation will involve an exchange.

Do you agree?
Explain why.

Use < , > or = to complete the statements.

69 ÷ 3 ◯ 96 ÷ 3

96 ÷ 4 ◯ 96 ÷ 3

91 ÷ 7 ◯ 84 ÷ 6

Eva has 96 sweets.
She shares them into equal groups.
She has no sweets left over.
How many groups could Eva have shared her sweets into?

ANSWERS

Tricky

b) Complete the division.

93 ÷ 3 = 31

2 Use place value counters to complete the divisions.

a) 66 ÷ 3 = 22

b) 86 ÷ 2 = 43

c) 50 ÷ 5 = 10

d) 48 ÷ 4 = 12

e) 13 = 39 ÷ 3

f) 84 ÷ 4 = 21

Use place value counters to complete the divisions.

a) 72 ÷ 3 = 24

b) 92 ÷ 4 = 23

c) 65 ÷ 5 = 13

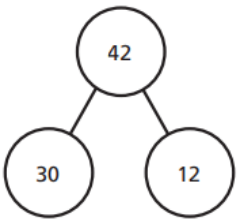
d) 48 ÷ 6 = 8

e) 15 = 45 ÷ 3

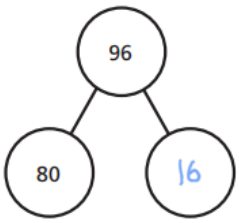
f) 64 ÷ 4 = 16

Trickier

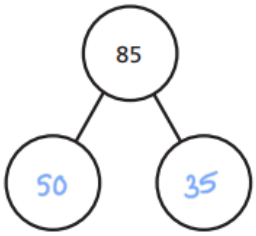
a) 42 ÷ 3 = 14



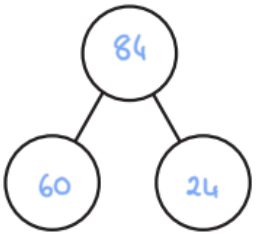
b) 96 ÷ 4 = 24



c) 85 ÷ 5 = 17



d) 84 ÷ 6 = 14



69 ÷ 3 = 23

88 ÷ 4 = 22

96 ÷ 3 = 32

Kim has 92 beads.

She wants to share them equally between 4 friends.

How many beads will each friend get?

23

Trickiest

65 ÷ 5 = 13

75 ÷ 5 = 15

84 ÷ 6 = 14

96 ÷ 8 = 72 ÷ 6

95 ÷ 5 < 63 ÷ 3

51 ÷ 3 > 64 ÷ 4

98 ÷ 7 < 95 ÷ 5

Dora is calculating $72 \div 3$ Before she starts, she says the calculation will involve an exchange. Do you agree? Explain why.	Dora is correct because 70 is not a multiple of 3 so when you divide 7 tens between 3 groups there will be one remaining which will be exchanged.
Use $<$, $>$ or $=$ to complete the statements. $69 \div 3 \bigcirc 96 \div 3$ $96 \div 4 \bigcirc 96 \div 3$ $91 \div 7 \bigcirc 84 \div 6$	$<$ $<$ $<$

Eva has 96 sweets. She shares them into equal groups. She has no sweets left over. How many groups could Eva have shared her sweets into?	Possible answers $96 \div 1 = 96$ $96 \div 2 = 48$ $96 \div 3 = 32$ $96 \div 4 = 24$ $96 \div 6 = 16$ $96 \div 8 = 12$