Think together

1 What is Lexi's number?

Lee: Multiply your number by 3 and add 4.

Lexi: My answer is 19.

$3x + \boxed{} = \boxed{}$

$- \boxed{} \qquad - \boxed{}$

$3x = \boxed{}$

$\div \boxed{} \qquad \div \boxed{}$

$x = \boxed{}$
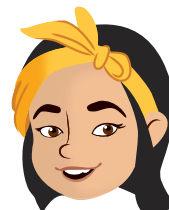
x	x	x	4
19			

2 Solve the following equations.

a) $5m + 3 = 58$

b) $17 = 2q + 5$

m	m	m	m	m	3
58					

CHALLENGE

3 **a)** A kettle has a capacity of 600 ml.

Richard fills 3 cups from the kettle.

He has 30 ml left over.

What is the capacity of 1 cup?

Use a for the capacity of the cup.

☐ a ◯ ☐ = 600 ml

$3a = $ ☐

$a = $ ☐

600 ml			

a	a	a	

30 ml
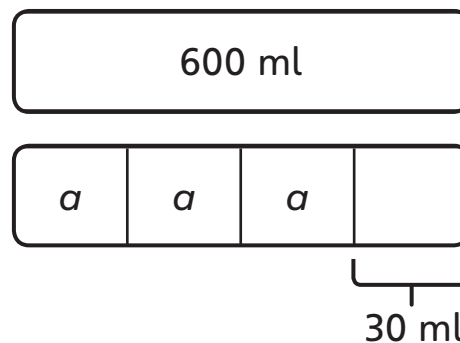
b) Solve the following equations.

i) $3a - 20 = 16$

ii) $20 = 2p + 8$

iii) $4c - 6 = 14$

iv) $2p + 8 = 21$

16		20	
a	a	a	
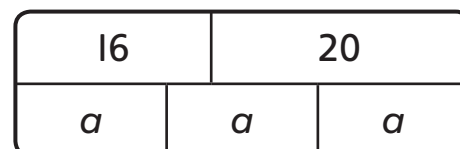
I will draw different bar models
to represent the equations.

➜ **Practice book 6B p88**