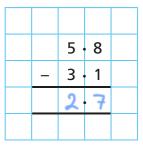
Use formal methods for subtraction of decimals



Complete the calculations.

a)



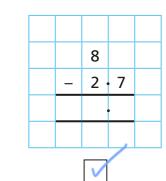
b)

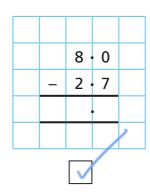
)				
		5 ·	8	
	_	3 ·	8	
		2	0	

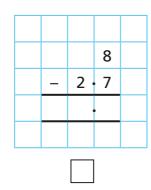
c)

	7			
	8	0	6	
_	2 ·	7	1	
	5	3	5	

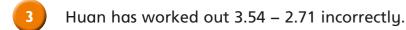
Which column subtractions could you use to work out 8 – 2.7? Tick your answers.







Discuss your answers with a partner.



column,

a) What mistake has he made? He has found the difference between the numbers in each

		3 ·	5	4
	_	2 ·	. 7	1
		1 -	. 2	3

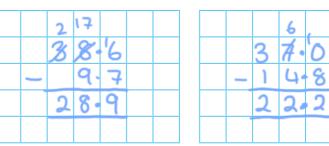
b) Use the grid to find the correct answer.

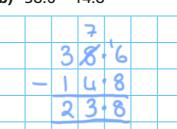
	2			
	3	15	4	
_	2 -	7	1	
	0	8	3	

Work out the calculations using the column method.

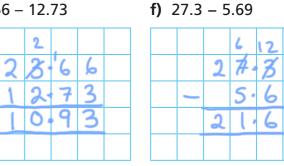
38.6







2



Kim buys a magazine for £2.89 She pays with a £10 note. How much change should she receive?

Kim should receive

change.

Work out the values of the expressions.

$$w = 3.4$$

$$y = 27$$

$$z = 4.08$$

a)
$$x - w = 2 \cdot 44$$

c)
$$y - w = 23.6$$

e)
$$z - w =$$

$$z - w = \bigcirc \cdot 68$$

b)
$$x - z = \begin{bmatrix} 1 & 1 & 1 \\ 1 & 1 & 1 \end{bmatrix}$$

d)
$$y - x = 2 \cdot 14$$

f)
$$y + x - w = 2$$

7 Complete the subtractions.

a)
$$1.67 - \frac{3}{10} = 1 \cdot 37$$

d)
$$1.67 - \frac{3}{4} = 0.92$$

b)
$$1.67 - \frac{79}{100} = \bigcirc \cdot 88$$

e)
$$1\frac{1}{2} - 0.43 = 1.07$$

c)
$$1.67 - \frac{1}{4} = 1 - 42$$

f)
$$1\frac{3}{4} - 0.81 = 0.94$$

8 Solve the equations.

a)
$$a + 1.7 = 54$$

d)
$$5 = d + 3.15$$

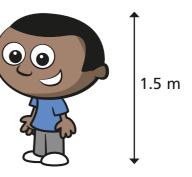
b)
$$5.4 = b - 1.7$$

e)
$$5.9 = e - 3.05$$

c)
$$c + 2.58 = 7.6$$

f)
$$f$$
 + 1.65 = 2.78 + 3.51

Mo is 1.5 m tall.



Alex is 14 cm shorter than Mo.

Tom is 14 cm taller than Mo.

Aisha is 27 cm shorter than Alex.

a) Work out the heights of the other students.Give your answers in metres.

Alex's height =
$$1.36m$$

Tom's height = $1.64m$

Aisha's height = $1.09m$

b) Work out the range of all four heights.

range 0 · 55 m