12 - 1	Change Log Change Log (I)
Example 1 Di	raw various rectangles with a perimeter of 18 cm.
cm cm 8 cm	
1 Summarize the table. Length 2 Width 8 7	e the relationship between Length and width in 3 4 5 6 7 8 6 5 4 3 2 1 There are two lengths and two width, so
 If the length Looking at length is O c 	h increase by \mid cm, how does the width change? Decrease by \mid cm the table, let's make a math sentence where the cm and the width is \square . $\bigcirc + \square = 9$
4 If the length	h is 6 cm, what is the width? 3 cm

and the width of the rectangle.



 Summarize the relationship between the length and width in the table.



- If the vertical length increases by | cm, how does the width change?
- 3 Looking at the table, let's make a math sentence where the Length is cm and the Width is □.
- If the length is 9 cm, what is the width?

12 - 2 ^c	hange Log Change Log (2)
Example Arrange the period	e the squares in the staircase and measure imeter.
and the perimeter	e relationship between the number of steps er in the table.
Number of Steps	
 2 Let's make an steps and [] for 3 What is the period 	n math sentence with \bigcirc for the number of the length of the perimeter. $4 \times \bigcirc = \square$ erimeter of 7 steps?28 cm
4 How many steris 32 cm?	eps are there when the perimeter of the steps 8 steps
Arrange the equilater	al triangle in a staircase and measure perimeter
Summarize the the perimeter in the	relationship between the number of steps and
Number of Steps Perimeter	I 2 3 4 5 6 7 3 I I I I

- 2 Let's make an math sentence with for the number of steps and □ for the perimeter.
- 3 What is the perimeter of 8 steps?
- 4 How many steps are there when the perimeter of the steps is 30 cm?

12-3 Change Log Change Log	ange Log (3)
• Example A student walk 30 m per	minutes.
 Summarize the relationship bet minutes and the distance in the taken in taken in	tween the able below. (Distance (m)) 4 5 120 150 30 m 10 30 m 90
2 Look at the table and draw a gr	raph. 90
If 6 minutes passed, how much the student go?	h will 70 60 50 40
If the student walked 360 m, he minutes does it take?	ow many 12 minutes 30 20 10 10 1 2 3 4 5 (minutes)
 Veasure the time it takes to fill a bucket Summarize the relationship bet amount of water and the minutes the table below. Minutes 0 1 2 3 4 Amount of water (L) 0 5 	et with water. (L) stween the 25 needed in 25 5 6 20
2 How much water will fill up in one	e minute?
3 Look at the table and draw a gra	ph. 10
4 How much water will be colle minutes?	ected in 7
5 How many minutes does it take 50 liters of water?	e to collect

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Summari	ze the re	elatio	onship	betw	een th	ne lenç	gth an	d th	ie v
									.
Width	9	2	5	4		0	/		•
If the lend	1th is 9 c	m v	vhat is	the w	/idth?		<u> </u>	<u> </u>	
in the leng	jui 13 7 0	· · · , v	vilatio				Г		
If the widt	th is 2 cr	n w	hat is	tha lai	ath?		L		
	11 15 2 61	II, VV	1101 15		igui :		Г		
							L		
The hot :	spring g	ush	12 L	per m	inutes	. Write	e the I	relat	tior
between the	e minute	s ar	nd amo	ount o	f wate	r.			
							A	mount	ofwa
※ Gush mea	ns that wat	er co	mes out	of the g	round.		00 58		
Minutaa				2	/ F	6	56		
winutes				. 3	4 5	0	• 54		
Amount of	water (L)	0	2				· 52		
							50		
Look at th	ne table a	and	draw a	a grap	h.		48		
							46		
							44		+ +
							42		
							40		+ +
							20		
How muc	h water g	gush	n in on	e min	ute?		38		
How muc	h water (gush	n in on	e min	ute?		38 36 34		
How muc	h water (gusł	n in on	e min	ute?		38 36 32		
How muc	h water (gusł	n in on	e min	ute?		38 36 34 32 30		
How muc	h water (gush	n in on		ute?	or the	38 36 34 32 30 28		
How muc Let's mak	h water (an ma	gush ath s	n in on	e minu ce wit	ute? h ◯ fo	or the	38 36 34 32 30 28 26		
How muc Let's mak	h water (an ma for the	gush ath s e am	n in on	e min ce wit of wate	ute? h () fo er.	or the	38 36 34 32 30 28 26 24		
How muc Let's mak hours and [h water (e an ma for the	gush ath s e am	n in on	e min ce wit of wate	ute? h () fo er.	or the	38 36 34 32 30 28 26 24 22		
How muc Let's mak hours and [h water (an ma for the	gush ath s e am	n in on	e min ce wit of wate	ute? h () fo er.	or the	38 36 34 32 30 28 26 24 22 20		
How muc Let's mak hours and [h water (e an ma for the	gush ath s e am	n in on	e min ce wit of wate	ute? h () fo er.	or the	38 36 34 32 30 28 26 24 22 20 18		
How muc Let's mak hours and [h water (a an ma for the	gush ath s e am will f	n in on	e min ce wit of wate	ute? h ⊖ fo er.	or the	38 36 34 32 30 28 26 24 22 20 18 16 14		
How muc Let's mak hours and [How muc	h water (an ma for the	gush ath s e am will b	n in on	e min ce wit of wate	ute? h \bigcirc for a	or the	38 36 34 32 30 28 26 24 22 20 18 16 14		
How muc Let's mak hours and [How muc	h water (a an ma for the	gush ath s e am will b	n in on	e min ce wit of wate	ute? h () fo er.	or the	38 36 34 32 30 28 26 24 22 20 18 16 14 12 10		
How muc Let's mak hours and [How muc	h water (an ma for the	gush ath s e am will b	n in on	e min ce wit of wate	ute? h () fo er.	or the	38 36 34 32 30 28 26 24 22 20 18 16 14 12 10 8		
How muc Let's mak hours and [How muc	h water (a an ma for the	gush ath s am will b	n in on	e min ce wit of wate	ute? h () fo er.	or the	38 36 34 32 30 28 26 24 22 20 18 16 14 12 10 8 6		
How muc Let's mak hours and [How muc	h water (a an ma for the h water y	gush ath s e am will b	n in on	e min ce wit of wate	ute? h () fo er. n 7 mir to gu	or the nutes?	38 36 34 32 30 28 26 24 20 18 16 14 12 10 8 6 2 4		

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