Unit **11**
Family Letter

Dear Family,

In this unit, Subtraction within 100, we will be learning how to subtract tens using number charts, base-ten blocks, and open number lines.

STEM Career Kid for this Unit

Hi, I'm Hugo.

I want to be a meteorologist. Meteorologists use math when they find the difference between the high temperature and the low temperature on a given day.

What math terms will your child use?

Term	Student Understanding
ones	the numbers in the range of 0–9; for example, in the number 70, 0 is the digit showing the number of ones
open number line	a number line without any tic marks or labels
place value	the value given to a digit by its place in a number; for example, in 70, 7 is in the tens place and 0 is in the ones place
tens	the numbers in the range of 10–99; for example, in the number 70, 7 is the digit showing the number of tens

Math @ Home Activity

What can your child do at home?

Encourage your child to use different strategies to subtract tens. For example, ask your child to use a number chart to find the difference of two 2-digit numbers, such as 60 and 30. Then have your child use an open number line to solve the same subtraction problem.

What Will Students Learn in This Unit?

Finding 10 Less

Your child will learn how to use a number chart to find 10 less. Students learn how to use patterns in the number chart to find 10 less than a 2-digit number.

Example:

Find 92 − 10.

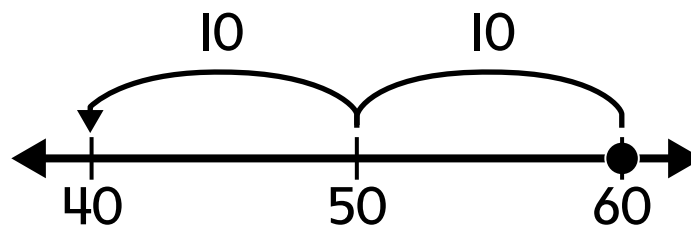| 1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	**82**	83	84	85	86	87	88	89	90
91	**92**	93	94	95	96	97	98	99	100

$$92 - 10 = 82$$

Using an Open Number Line to Subtract Tens

Your child will also learn to subtract tens on an open number line. Your child is encouraged to use the number line to subtract multiples of 10. He or she will label the number line and draw the jumps of 10 to find the answer to a subtraction problem.

Example:

Find 60 − 20.

$$60 - 20 = 40$$