Adding and Subtracting 10 and 100

Family Note

Today we learned rules for adding and subtracting 10:

- To add 10, increase the tens digit of a number by 1: $2\mathbf{4} + 10 = 3\mathbf{4}$ $77\mathbf{2} + 10 = 78\mathbf{2}$
- To subtract 10, decrease the tens digit of a number by 1: $\mathbf{9}8 - 10 = \mathbf{8}8$ $61\mathbf{5} - 10 = 6\mathbf{0}5$

When the number has a 9 in the tens place (for addition) or 0
in the tens place (for subtraction), the hundreds digit also changes:

- To add 10, increase the hundreds digit by 1 and change the tens digit to 0: $3\mathbf{9}6 + 10 = \mathbf{40}6$
- To subtract 10, decrease the hundreds digit by 1 and change the tens digit to 9: $7\mathbf{0}3 - 10 = \mathbf{69}3$

We also learned rules for adding and subtracting 100:

- To add 100, increase the hundreds digit of a number by 1: $\mathbf{6}43 + 100 = \mathbf{7}43$
- To subtract 100, decrease the hundreds digit of a number by 1: $\mathbf{4}51 - 100 = \mathbf{3}51$

These rules help children mentally add or subtract 10 or 100.

Please return this Home Link to school tomorrow.

Solve mentally. Tell someone at home about the rules you used.

(1) $62 + 10 =$ _____

(2) $58 - 10 =$ _____

(3) $116 + 10 =$ _____

(4) _____ $= 391 - 10$

(5) _____ $= 786 + 100$

(6) $625 - 100 =$ _____

(7) Clare did 24 sit-ups. She rested and then did
10 more. How many sit-ups did she do in all? _____ sit-ups

(8) Freddie had 215 marbles. He gave 10 to
a friend. How many does he have left? _____ marbles

Practice

(9) $3 +$ _____ $= 12$

(10) $16 - 9 =$ _____

(11) $14 =$ _____ $+ 8$

(12) $11 -$ _____ $= 8$