Lesson 12: Mentally Add and Subtract Tens

• Let's add and subtract tens in our heads.

Warm-up: Number Talk: Add and Subtract 10

Find the value of each expression mentally.

- 3 + 10
- 10 + 5
- 13 10
- 15 10

12.2: Add and Subtract 10

1. Find the number that makes each equation true. Then tell what you notice.

a.
$$67 + 10 =$$

 $67 - 10 =$

b.
$$39 + 10 =$$

 $39 - 10 =$

c.
$$52 + 10 =$$

 $52 - 10 =$

d.
$$75 + 10 =$$

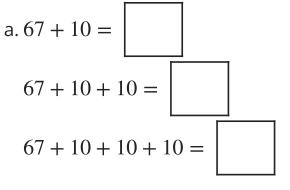
 $75 - 10 =$

e. Talk to your partner. What patterns do you notice?

I notice that when I add 10,

I notice that when I subtract 10,

2. Find the number that makes each equation true. After each set of equations, tell what pattern you notice.



I notice that

b.
$$99 - 10 =$$

 $99 - 10 - 10 =$
 $99 - 10 - 10 - 10 =$

I notice that

c. 45 + 10 + 10 =45 - 10 - 10 =45 + 10 - 10 =

I notice that