

Explore different ways to understand adding and subtracting 10 and 100.

A class has 432 sheets of paper. They get 100 more for an art project. How many sheets of paper do they have now?

PICTURE IT

You can draw a picture to show the number of sheets of paper.

432 is **4 hundreds** and 32 more.



Adding 100 makes **5 hundreds** and 32 more.



MODEL IT

You can use facts you know.

432 and 100 more is $432 + 100$.

You know $4 + 1 = 5$.

So, you know $4 \text{ hundreds} + 1 \text{ hundred} = 5 \text{ hundreds}$.



APPLY IT

Use what you just learned to solve these problems.

- 5 A store has 893 granola bars. It sells 100 bars. How many granola bars does the store have now?
Show your work.



Solution

- 6 Add or subtract 10 or 100.

a. $539 + 10 =$

$704 + 100 =$

$699 + 10 =$

b. $675 - 100 =$

$226 - 100 =$

$491 - 10 =$

- 7 What is $288 - 10$?

(A) 188

(B) 278

(C) 287

(D) 298

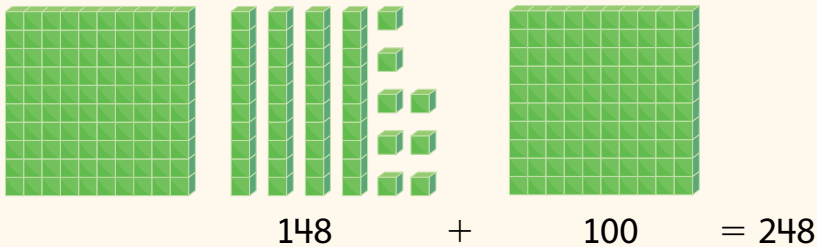
Practice Adding and Subtracting 10 and 100

Study the Example showing one way to add 100. Then solve problems 1–6.

EXAMPLE

The park service has planted 148 trees. They will plant 100 more trees by the end of the week. How many trees will they have planted in all?

You can use base-ten blocks. Then skip-count by hundreds.



100 more than 148 is 248.

So, 248 trees will be planted in all.

Tim scores 318 points in a game. He plays another level and scores 10 more points. How many points does Tim score in all?

- 1 Draw base-ten blocks for 318 in one color. Then use a different color to draw more base-ten blocks to show how many points Tim scores in all.

- 2 How many points does Tim score in all?



- 3 Kevin has 452 stamps in his collection. Then he gives his sister 100 stamps. How many stamps does Kevin have now?

Solve the problem above. Then explain the strategy that you used. Show your work.

Solution.....

- 4 What is $873 + 100$?
- (A) 773
(B) 874
(C) 883
(D) 973
- 5 What is $547 - 10$?
- (A) 557
(B) 537
(C) 527
(D) 447
- 6 What is $10 + 865$?
- (A) 765
(B) 855
(C) 875
(D) 965

