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Strategy **one** NUMBER SENSE

PART ONE: Learn about number sense

Look at the picture of Amy's beads. Think about the numbers and words in the picture.

 1 one first	 2 two second	 3 three third	 4 four fourth	 5 five fifth
 6 six sixth	 7 seven seventh	 8 eight eighth	 9 nine ninth	 10 ten tenth
 11 eleven	 12 twelve	 13 thirteen	 14 fourteen	 15 fifteen
 16 sixteen	 17 seventeen	 18 eighteen	 19 nineteen	 20 twenty

There are 20 beads. This number can be shown in digits: 20.
This number can be written in words: twenty.

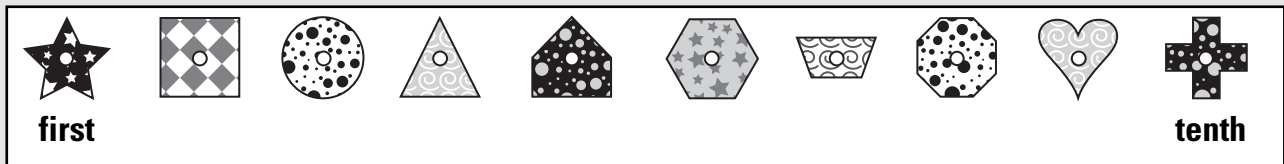
Use numbers to count. The number 11 comes before 12.
The number 13 comes after 12.

Look at the rows of beads. Start at the top left. This is the first bead. Next is the second bead.

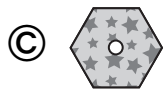
You use **number sense** when you count and write numbers.

- Numbers can be shown in digits or in words.
- In counting, each number comes before a number and after another number.
- Use the words *first*, *second*, *third* and so on to tell where something is in a row or a line.

Here is another picture of Amy's beads. It shows beads that are different shapes. Look at where each bead is in the row. Then do numbers 1 to 4.



1. What is the sixth bead in the row?



2. Amy has thirteen square beads. What number is the same as thirteen?

(A) 33

(B) 30

(C) 13

(D) 3

3. Amy picked up the . What place in the row is the bead?

(A) ninth

(B) eighth

(C) seventh

(D) second

4. Amy puts 19 beads in a jar. Her friends guess how many there are. What number is closest to 19?

(A) 8

(B) 17

(C) 18

(D) 21



Talk about your answers to questions 1–4. Explain why you chose the answers you did.

Remember: You use number sense when you count and write numbers.

- Numbers can be shown in digits or in words.
- In counting, each number comes before a number and after another number.
- Use the words *first*, *second*, *third* and so on to tell where something is in a row or a line.

Solve this problem. As you work, ask yourself, ‘How can I count to find the answer?’

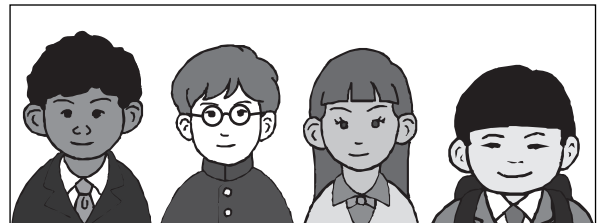
5. Amy has the number 14 on her soccer shirt. What number comes just after 14?



- Ⓐ 5
- Ⓑ 12
- Ⓒ 13
- Ⓓ 15

Solve another problem. As you work, ask yourself, ‘Which words can I use to show a place in line?’

6. Amy is third in line. Jason is right after Amy. What place in line is Jason?



- Ⓐ second
- Ⓑ fourth
- Ⓒ third
- Ⓓ four

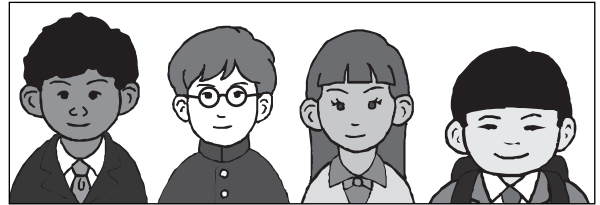
**Look at the answer choices for each question.
Read why each answer choice is correct or not correct.**

5. Amy has the number 14 on her soccer shirt. What number comes just after 14?



- Ⓐ 5
This answer is not correct because 5 comes just after 4, not after 14.
- Ⓑ 12
This answer is not correct because 12 comes before 14.
- Ⓒ 13
This answer is not correct because 13 comes just before 14.
- 15
This answer is correct because 15 comes just after 14 (13, 14, 15).

6. Amy is third in line. Jason is right after Amy. What place in line is Jason?



- Ⓐ second
This answer is not correct because second place is one place before third place (second, third).
- fourth
This answer is correct because fourth comes right after third.
- Ⓒ third
This answer is not correct because Amy is third in line.
- Ⓓ four
This answer is not correct because four is a number word that is not used to tell a place in line.