Unit 5 · Word Problems within 20 Cheat Sheet

Unit 5 focus: add to, take from, put together and take apart stories

1 BIG IDEA

Act out the story. Did a group get bigger, get smaller, or is it two parts of a total?

2 IMPORTANT VOCABULARY

add to	A story where more join a group.	5 birds, 3 more come
take from	A story where some leave a group.	9 apples, 4 are eaten
put together	A story with two parts that make a total.	4 red and 6 blue beads
take apart	A story where a total is split into parts.	10 cups, 7 are red, the rest blue

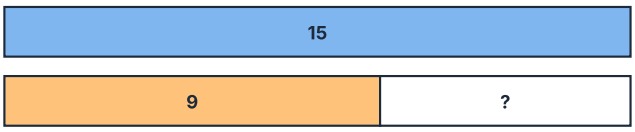
3 HOW IT WORKS

There are 15 cups. 9 are red. The rest are blue. How many are blue?

Example: 9 + ___ = 15
Whole: 15
15 − 9 = 6

Answer: 6 blue cups

4 VISUAL MODEL



The whole is 15. One part is 9. The other part is 6.

5 ★ REMEMBER THIS · WATCH OUT!

★ Remember this

- Write an equation with a blank for the unknown.
- Answer with a number and a word: 6 cups.

⚠ Watch out!

- **Adding every number you see:** think about what happens first
- **Giving the part you were told:** find the missing part

6 TRY IT!

1. 7 ducks, 6 more come. How many?
   Answer: ƐI
2. 14 pens, 5 lost. How many left?
   Answer: 6

Answers are printed upside down. Turn the page to check!

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More practice: compare stories, unknown starts and three addends

1 BIG IDEA

Compare stories ask how many more or fewer. Some stories hide the start or the change.

2 IMPORTANT VOCABULARY

compare	Find how many more or fewer.	8 is 3 more than 5
total	How many in all.	4 + 6 = 10 in all
bar model	A drawing of bars that shows the parts and the whole.	a bar for 12 split into 5 and 7
add to	A story where more join a group.	5 birds, 3 more come

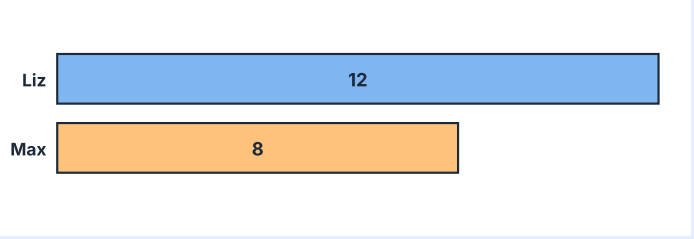
3 HOW IT WORKS

Liz has 12 stickers. Max has 8. How many more does Liz have?

Example: 8 + ___ = 12
Line up 12 and 8
12 − 8 = 4

Answer: 4 more

4 VISUAL MODEL



The extra part of Liz's bar is 4.

5 ★ REMEMBER THIS · WATCH OUT!

★ Remember this

- "How many more" and "how many fewer" mean compare.
- Three numbers: add them all, look for a ten.

⚠ Watch out!

- **Adding because you see "more":** how many more means find the difference
- **Unknown start:** had some, got 4, now 11: 11 − 4 = 7

6 TRY IT!

1. Ted has 5. Ana has 4 more than Ted. Ana has?
   Answer: 6
2. 2 + 8 + 5
   Answer: 15

Answers are printed upside down. Turn the page to check!