Unit 2 · Addition and Subtraction within 10 Cheat Sheet

Unit 2 focus: adding and subtracting within 10

1 BIG IDEA

Adding puts parts together. Subtracting takes some away. Know these facts quickly.

2 IMPORTANT VOCABULARY

add	Put groups together to find how many in all.	3 + 2 = 5
subtract	Take away or find how many are left.	5 − 2 = 3
sum	The answer when you add.	In 4 + 3 = 7, the sum is 7
difference	The answer when you subtract.	In 7 − 3 = 4, the difference is 4

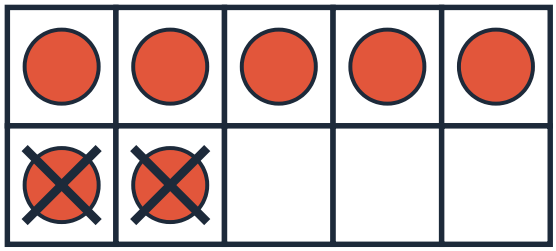
3 HOW IT WORKS

Find 6 + 3 by counting on.

Example: 6 + 3
Start at 6
Count on 3: 7, 8, 9

Answer: 9

4 VISUAL MODEL



7 counters, 2 crossed out: 7 − 2 = 5.

5 ★ REMEMBER THIS · WATCH OUT!

★ Remember this

- Start with the bigger number and count on.
- Adding 0 keeps the number the same.

⚠ Watch out!

- **Counting the start number:** 6 + 3: say 7, 8, 9
- **Taking the big from the small:** 8 − 5, not 5 − 8

6 TRY IT!

1. 5 + 4

   Answer: 6

2. 10 − 3

   Answer: 7

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

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More practice: making ten and number partners

1 BIG IDEA

A ten frame shows how close a number is to 10. Two parts make a whole.

2 IMPORTANT VOCABULARY

ten frame	A box with 10 spaces in 2 rows of 5.	8 counters leave 2 spaces empty
make ten	Find two numbers that add to 10.	6 + 4 = 10
part	One of the groups that make a whole.	3 and 5 are parts of 8
whole	All of the parts together.	8 is the whole for 3 and 5

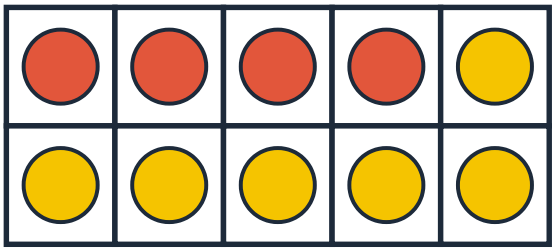
3 HOW IT WORKS

What goes with 7 to make 10?

Example: 7 + ___ = 10
Fill the frame: 8, 9, 10
That is 3 more

Answer: 3

4 VISUAL MODEL



4 red and 6 yellow make 10.

5 ★ REMEMBER THIS · WATCH OUT!

★ Remember this

- 1 + 9, 2 + 8, 3 + 7, 4 + 6, 5 + 5 all make 10.
- To subtract, think: what part is missing?

⚠ Watch out!

- **7 + ___ = 10 → 17:** the blank is the missing part: 3
- **Counting the counters, not the spaces:** count the empty boxes

6 TRY IT!

1. 2 + ___ = 10
   Answer: 8
2. 9 is 4 and ___
   Answer: 5

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