Unit 4 · Rounding, Addition, and Subtraction within 1,000 Cheat Sheet

Unit 4 focus: rounding to the nearest 10 and 100

1 Big Idea

To round, find the two tens (or hundreds) the number is between and choose the closer one. Halfway rounds up.

2 Important Vocabulary

round	Find a nearby ten or hundred that is easier to use.	47 rounds to 50
nearest ten	The multiple of 10 that a number is closest to.	83 → 80
nearest hundred	The multiple of 100 that a number is closest to.	462 → 500
estimate	A number close to the exact answer.	312 + 489 is about 300 + 500 = 800

3 How It Works

Round 347 to the nearest 10 and the nearest 100.

Example: 347
Nearest 10: between 340 and 350; 7 ones → 350
Nearest 100: between 300 and 400; 4 tens → 300

Answer: 350 and 300

4 Visual Model



347 is closer to 350 than to 340.

5 ★ Remember This · Watch Out!

★ Remember this

- Nearest 10: look at the ones digit.
- Nearest 100: look at the tens digit.
- 5 or more rounds up.

⚠ Watch out!

- **Rounding to the wrong place:** nearest 10 of 462 is 460, not 500
- **Always rounding down:** 68 rounds up to 70

6 Try It!

1. Round 85 to the nearest 10.
   Answer: 06
2. Round 649 to the nearest 100.
   Answer: 009

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

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More practice: adding and subtracting within 1,000 and estimating to check

1 Big Idea

Add and subtract place by place: ones, tens, then hundreds. Regroup when you need to. Estimate first so you can check.

2 Important Vocabulary

regroup	Trade 10 ones for 1 ten, or 10 tens for 1 hundred (or the reverse).	15 ones = 1 ten 5 ones
sum	The answer when you add.	345 + 210 = 555
difference	The answer when you subtract.	700 − 250 = 450
reasonable	An answer that makes sense when you estimate.	412 + 289 = 701 is close to 700

3 How It Works

Subtract 602 − 248.

Example: Regroup across the zero
Trade 1 hundred: 5 hundreds 10 tens
Trade 1 ten: 9 tens 12 ones
Subtract: 354
Check: 354 + 248 = 602

Answer: 354

4 Visual Model



Estimate 602 − 248: 600 − 200 = 400, so 354 is reasonable.

5 ★ Remember This · Watch Out!

★ Remember this

- Line up the places.
- Check subtraction by adding.
- Compare your answer to an estimate.

⚠ Watch out!

- **Smaller from bigger:** in 52 − 38 you must regroup; 8 − 2 is wrong
- **Forgetting the regrouped 1:** write it so you remember it

6 Try It!

1. 467 + 285 = ?
   Answer: 752
2. 800 − 356 = ?
   Answer: 444

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