

Round It, Then Plan It

GRADE 3

MATHEMATICS

B1.3

B2.3

Smart savers estimate first! Round each dollar amount, then use your estimates to make quick spending plans.

PART A: ROUND TO THE NEAREST TEN

1. A balance of \$47 rounds to \$_____.
2. A price of \$82 rounds to \$_____.
3. A balance of \$135 rounds to \$_____.
4. A price of \$265 rounds to \$_____.

PART B: ROUND TO THE NEAREST HUNDRED

5. A balance of \$180 rounds to \$_____.
6. A savings goal of \$449 rounds to \$_____.
7. A class total of \$650 rounds to \$_____.

PART C: ESTIMATE TO DECIDE

8. Sam has \$212. A mega prize costs \$198. Using rounding, can he afford it?
☐ (A) Yes — about \$210 is more than about \$200
☐ (B) No — about \$200 is more than about \$210 ☐ (C) Cannot tell without exact math
9. Amara's balance is \$385. Her savings goal is \$500. ABOUT how much more does she need?
☐ (A) About \$100 ☐ (B) About \$200 ☐ (C) About \$300
10. A prize costs \$199. Which mental math strategy is fastest for subtracting it from \$350?
☐ (A) Subtract 200, then add back 1 ☐ (B) Count up by ones from 199
☐ (C) Subtract 100 twice, then subtract 99

PART D: ESTIMATE, THEN CHECK

- 11.** Priya wants three rewards priced \$48, \$21, and \$33. ESTIMATE the total by rounding each price to the nearest ten, then calculate the exact total. How close was your estimate?

SHOW YOUR WORK

Answer: _____

- 12.** Leo's balance is \$267. He buys a \$149 prize. Estimate his new balance by rounding, then calculate exactly.

SHOW YOUR WORK

Answer: _____

PART E: YOUR SAVINGS PLAN

- 13.** Your balance is \$163 and your dream reward costs \$300. Round both amounts, estimate how much more you need, and explain how many \$20 paydays it will take.

SHOW YOUR WORK

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ANSWER KEY

1. 50
2. 80
3. 140
4. 270
5. 200
6. 400
7. 700
8. A — Yes — about \$210 is more than about \$200
9. A — About \$100
10. A — Subtract 200, then add back 1
11. Estimate: $50 + 20 + 30 = \$100$. Exact: $48 + 21 + 33 = \$102$. The estimate was \$2 low.
12. Estimate: $270 - 150 = \$120$. Exact: $267 - 149 = \$118$.
13. \$163 rounds to \$160; need about \$140 more ($300 - 160$); at \$20 per payday that is about 7 paydays.

TEACHER NOTES

Estimation has real stakes when the numbers are students' own balances — use the 'round-and-plan' activity from the Grade 3 standards page, letting students verify every estimate against exact figures in ClassCents. Supports Ontario B1.3 (rounding to nearest ten/hundred) and B2.3 (mental math to 1000).