

Name: _____ Date: _____

Taxed Class Store Totals

GRADE 5

MATHEMATICS

F1.2

B2.3

On class store tax day, estimate first and calculate exactly second. Use 5% tax on each subtotal.

PART A: SUBTOTAL, TAX, TOTAL

1. A planner costs \$4.80 and stickers cost \$2.40. Subtotal: \$_____.
2. Find 5% tax on \$7.20: \$_____.
3. Total after tax on \$7.20: \$_____.
4. A cart subtotal is \$12.50. The 5% tax is \$_____ and total is \$_____.

PART B: BEST ESTIMATE FIRST

5. A cart subtotal is \$18.90. Which is the BEST estimate of the taxed total (5% tax)?
(A) About \$19.00 (B) About \$19.85 (C) About \$21.00
6. Which mental strategy quickly finds 5% of \$40?
(A) Find 10% (\$4) then halve it (B) Multiply by 5 (C) Subtract 5
7. A taxed total is around \$26. Which subtotal is most reasonable at 5% tax?
(A) About \$24.75 (B) About \$26.00 (C) About \$30.00

PART C: CHECKOUT PROBLEMS

8. Maya buys a notebook for \$5.25, a marker set for \$3.40, and a bookmark for \$1.35. Find subtotal, 5% tax, and final total.

SHOW YOUR WORK

Answer: _____

9. Leo has \$20.00. His cart subtotal is \$15.60. After 5% tax, can he afford it, and how much money is left?

SHOW YOUR WORK

Answer: _____

10. Priya estimates her taxed total as about \$12.60 on a \$12.00 subtotal. Is that estimate reasonable? Explain.

SHOW YOUR WORK

Answer: _____

PART D: BUILD A TAXED CART

11. Create a 3-item class store cart with decimal prices. Show an estimate, then the exact subtotal, 5% tax, and final total.

SHOW YOUR WORK

Taxed Class Store Totals

ANSWER KEY

1. \$7.20
2. \$0.36
3. \$7.56
4. 0.63 and \$13.13
5. B — About \$19.85
6. A — Find 10% (\$4) then halve it
7. A — About \$24.75
8. Subtotal \$10.00, tax \$0.50, total \$10.50.
9. Tax is \$0.78, total is \$16.38, so yes. Money left: \$3.62.
10. Yes. 5% of \$12.00 is \$0.60, so exact total is \$12.60.
11. Example: $\$3.45 + \$2.80 + \$4.15 = \10.40 ; estimate about \$11.00 with tax; exact tax \$0.52; final total \$10.92.

TEACHER NOTES

Use your real class store with a posted 5% tax sign. Require students to say their estimate before checkout, then verify exact taxed totals with written work.