7th Grade Percent Problems: Tax, Tip and Discount

Common Core 7.RP.A.3 Time: 30 min Total: 21 marks Two-sided: questions continue on the back

G7PCT1

NAME or INITIALS (BLOCK CAPITALS, one letter per box)

ANSWERS — write each final answer in its box. Only these boxes are marked.

1	**2**	**3**
4	**5**	**6**
7	**8**	**9**
10		

1 Find 15% of 60. **1 mark**

answer in box 1 on the front

2 Find 8% of 250. **1 mark**

answer in box 2 on the front

3 A shirt costs \$40 and is on sale for 25% off. What is the sale price, in dollars? **2 marks**

answer in box 3 on the front

4 A meal costs \$36. You leave an 18% tip. How much is the tip, in dollars? **2 marks**

answer in box 4 on the front

Questions continue on the back. Only the answer boxes above are marked.

Teachers: have this class set marked in a minute and race it live, free.
Scan the QR code or go to **instantmathsheets.com/r/G7PCT1**

5 A video game costs $50 plus 6% sales tax. What is the total cost, in dollars? **2 marks**

answer in box 5 on the front

6 A price rises from $80 to $92. What is the percent increase? **2 marks**

answer in box 6 on the front

7 A town's population falls from 2,500 to 2,200. What is the percent decrease? **2 marks**

answer in box 7 on the front

8 A jacket is on sale for 30% off. The sale price is $56. What was the original price, in dollars? **3 marks**

answer in box 8 on the front

9 A $120 bike is discounted 20%. Then 5% sales tax is added to the sale price. What is the final cost, in dollars? **3 marks**

answer in box 9 on the front

10 A salesperson earns 5% commission on her sales. Last week she earned $185 in commission. What were her total sales, in dollars? **3 marks**

answer in box 10 on the front