Finding a Percent of a Number – Tax Rate

Change these percents to decimals.

1. 3% _____
2. 5% _____
3. 7% _____
4. 6 ½% _____
5. 8.5% _____
6. 3.25% _____
7. 9 ¼% _____
8. 3.1% _____

Questions 9 and 10 refer to the following information.
A pair of pants costs $12.00. The tax rate is 6%.

9. **Find the tax** on a pair of pants.
   ① ② ③ ④ ⑤
   (1) $.72
   (2) $7.20
   (3) $72.00
   (4) $74.00
   (5) $720.00

10. What is the **total** cost of the pants, including the tax?
    ① ② ③ ④ ⑤
    (1) $1.72
    (2) $12.72
    (3) $13.72
    (4) $17.72
    (5) $127.72

Questions 11 and 12 refer to the following information.
Larry's lunch is $8.00. He plans to leave a 15% tip.

11. How much should he leave in **tip**?
    ① ② ③ ④ ⑤
    (1) $.12
    (2) $1.20
    (3) $12.00
    (4) $13.40
    (5) $15.25

12. How much is lunch and the tip **all together**?
    ① ② ③ ④ ⑤
    (1) $.92
    (2) $9.20
    (3) $10.20
    (4) $12.20
    (5) $14.00

Questions 13 and 14 refer to the following information.
A dress is $30.00. It is on sale for 25% off.

13. How much is the **discount** on the dress?
    ① ② ③ ④ ⑤
    (1) $.75
    (2) $7.50
    (3) $9.50
    (4) $19.50
    (5) $75.00

14. How much is the dress **after the discount**?
    ① ② ③ ④ ⑤
    (1) $22.00
    (2) $22.50
    (3) $22.75
    (4) $23.75
    (5) $24.75

Finding a Percent of a Number – Tax Rate

Questions 15 and 16 refer to the following information.
The math test has 56 questions. Maria <u>missed 25%</u>.

15. How many questions did Maria **<u>miss</u>**?
① ② ③ ④ ⑤
(1) 12
(2) 14
(3) 16
(4) 18
(5) 20

16. How many questions did Maria get **<u>correct</u>**?
① ② ③ ④ ⑤
(1) 14
(2) 16
(3) 42
(4) 52
(5) 62

Questions 17 and 18 refer to the following information.
Paul's gross salary is $12,000 a year. His employer <u>deducts 12%</u> for taxes and social security.

17. How much are Paul's **<u>deductions</u>**?
① ② ③ ④ ⑤
(1) $1.44
(2) $144
(3) $1,440
(4) $14,440
(5) $15,440

18. How much is Paul's salary **<u>after deductions</u>**?
① ② ③ ④ ⑤
(1) $156
(2) $560
(3) $1,056
(4) $10,560
(5) $11,560

Questions 19, 20, and 21 refer to the following information.
In class of 20 students, 60% like Garth Brooks and 30% like Shania Twain. The rest are undecided.

19. How many students like **<u>Garth Brooks</u>**?
① ② ③ ④ ⑤
(1) 8
(2) 9
(3) 12
(4) 18
(5) 20

20. How many students like **<u>Shania Twain</u>**?
① ② ③ ④ ⑤
(1) 6
(2) 8
(3) 10
(4) 12
(5) 14

21. How many students are **<u>undecided</u>**?
① ② ③ ④ ⑤
(1) 1
(2) 2
(3) 3
(4) 4
(5) 5