Chapter 10 Test

D 1. What is 0.05 expressed as a percent?

    A. 0.55%

    B. $\frac{1}{5}$%

    C. 0.5%

    D. 5%

A 2. What is 45% expressed as a fraction in simplest form?

    A. $\frac{9}{20}$

    B. $4\frac{1}{2}$

    C. $\frac{9}{10}$

    D. $\frac{4}{5}$

3. Express 39% as a decimal. $= 0.39$

    $39\% = 0.39$

4. Express 0.14 as a percent. $= 14\%$

    $0.14 = 14\%$

D 5. What is $\frac{1}{4}$ expressed as a percent?

    A. 14%

    B. 1.4%

    C. 2.5%

    D. 25%

6. Express $\frac{19}{25}$ as a percent. $= 76\%$

    $\frac{19}{25} = 76\%$ $\frac{19}{25} \times 4 = \frac{76}{100} = 76\%$

C 7. 12 hours is _____. What is the missing expression?

    A. 12% of 1 day

    B. $\frac{1}{12}$ of 1 day

    C. 50% of 1 day

    D. $\frac{1}{4}$ of 1 day

$-1 \frac{22}{23}$

_____ 8. Joseph scores 32 out of 50 points on his test. What percent of the total
points does he score? Joseph scores 64% on his test.
$\frac{32}{50} \times 2 = \frac{64}{100} = 64\%$

__C__ 9. A shirt is priced at $19.00. A customer has to also pay 7% sales tax. How
much must a customer pay altogether for the shirt?

    A. $19.59   7% of 19.00 = $1.33
    B. $19.70
    C. $20.33   19.00
    D. $20.35   + 1.33

_____ 10. A bottle contains 120 milliliters of lotion. How much lotion, in milliliters,
is left in the bottle if 20% of it is used? 20% of 120 milliliters = 24 milliliters
96 lotion is left in the bottle. 120 − 24 = 96 $\frac{20}{100} \times \frac{120}{1} = 24$

__C__ 11. At the Summer Sale, a set of bed linens that was priced at $68 is sold at a
40% discount. How much do 5 sets of these bed linens cost at the sale?

    A. $40.80   40% of $68 = $27.20 $68.00
    B. $136
    C. $204   40.80 × 5 = 204   − 27.20
    D. $340
                               $40.80

_____ 12. What percent is equal to $\frac{7}{20}$? = 35% $\frac{7}{20} \times 5 = \frac{35}{100} = 35\%$

_____ 13. What percent is equal to $\frac{11}{25}$? = 44% $\frac{11}{25} \times 4 = \frac{44}{100} = 44\%$

_____ 14. Find 5% of 140 = 7
5% of 140 = 7

show work for #10 here.

2