Health Care Math

Percents

1. Convert from percent to decimal:
(Similar to p.112 #1-5)

23%

2. Convert from percent to decimal:
(Similar to p.112 #1-5)

$42\frac{2}{5}\%$

3. Convert from percent to decimal:
(Similar to p.112 #1-5)

$1\frac{1}{8}\%$

4. Convert from decimal to percent:
(Similar to p.112 #1-5)

0.815

5. Convert from decimal to percent:
(Similar to p.112 #1-5)

9.1

6. Convert from decimal to percent:
(Similar to p.112 #1-5)

0.02

7. Convert from decimal to percent:
(Similar to p.112 #1-5)

$2\frac{1}{4}$

8. Set up the problems, but do not solve:
(Similar to p.114 #1-10)

80 is what % of 210?

9. Set up the problems, but do not solve:
(Similar to p.114 #1-10)

30 percent of what number is 125?

10. Set up the problems, but do not solve:
(Similar to p.114 #1-10)

What is $3\frac{1}{4}$% of 200?

11. Set up the problems, but do not solve:
(Similar to p.114 #1-10)

Out of $300,180$ is what percent?

12. Set up the problems, but do not solve:
(Similar to p.114 #1-10)

$5\frac{2}{3}\%$ of 300 is what?

13. Solve the following percent solution problems:
(Similar to p.115 #1-10)

30 is what % of 80?

14. Solve the following percent solution problems:
(Similar to p.115 #1-10)

60% of 210 is what?

15. Solve the following percent solution problems:
(Similar to p.115 #1-10)

Find 7% of 740.

16. Solve the following percent solution problems:
(Similar to p.115 #1-10)

20 is what percent of 20?

17. Solve the following percent solution problems:
(Similar to p.115 #1-10)

120 is what % of 300?

18. Percent Strength: What is the ratio of pure drug to solution? Simplify, if necessary:
(Similar to p.117 #1-5)

30% solution

19. The doctor has ordered a 5% saline solution to be prepared. How many grams of pure drug will be needed to make 40 mL of solution at the 5% strength?
(Similar to p.118 #1-3)

20. The doctor has ordered a 5% saline solution to be prepared. How many grams of pure drug will be needed to make 80 mL of solution at the 5% strength?
(Similar to p.118 #1-3)