Basic Skills Samples

1. What time is it thirteen hours after 9 p.m.?

2. How many minutes are in 3.3 hours?

3. Factor 84 into primes:

4. The greatest common divisor of 24 and 18 is:

5. $22 - 2 \times 3 + 7 =$

6. Write 0.35 as a fraction in reduced form.

7. $0.12 \times 0.16 =$

8. Which is larger $\dfrac{5}{6}$ or $\dfrac{6}{8}$?

9. $\dfrac{5}{7} - \dfrac{1}{3} =$

10. Write as a decimal: $\dfrac{13}{8}$.

11. $2\frac{1}{2} \div \dfrac{1}{4}$.

12. $\left(\dfrac{7}{6}\right)(27)\left(\dfrac{5}{21}\right)$

13. $311 - 69$

14. $317(19)$

15. The least common multiple of 21 and 6 is:

16. $999\frac{}{}27 =$

17. $23 - 0.79 =$

18. If the numerator of a fraction stays the same, and the denominator of the fraction decreases, what happens to the value of the fraction? (Assume both numerator and denominator are positive.)

19. 405¢ is equivalent to how many dollars?

20. $\dfrac{1}{6} + \dfrac{1}{8} =$

21. Reduce this fraction: $\dfrac{110}{205}$.