

HOW SHARP ARE YOU?

1. Being very tired, a child went to bed at 7:00 o'clock at night. The child had a morning piano lesson, and therefore wound and set the alarm clock to ring at 8:45. How many hours of sleep could the child get before the alarm rings? _____
2. Some months (like October) have 31 days. Only February has precisely 28 (except in a leap year). How many months have 30 days? _____
3. A farmer had 18 pigs, and all but 7 died. How many were left? _____
4. Divide 50 by $\frac{1}{3}$, and add 7. What is the answer? _____
5. What is the minimum number of active baseball players on the playing field during any part of an inning? _____ Maximum? _____
6. What 4 words appear on every denomination of U.S. currency? _____

7. If a physician gave you five pills and told you to take one every half-hour, how long would your supply last? _____
8. If you had only one match and entered a cold, dimly lit room where there was a kerosene lamp, an oil heater, and a wood-burning stove, which would you light first? _____
9. Two women play checkers. They play 5 games without a draw game and each woman wins the same number of games. How can this be?

10. What word is misspelled in this test? _____

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KEY:

1. 1 hour and 45 minutes.
2. 11 months (all but February).
3. 7 pigs lived.
4. 157 ($3 \times 50, +7$).
5. 10 (9 fielders + 1 batter); 13 (9 + 1 batter + 3 baserunners). Add 1 if you count the on-deck batter.
6. "In God We Trust," or "United States of America."
7. Two hours (now, + 4 half-hours).
8. The match.
9. They aren't playing against each other.
10. "Misspelled" is misspelled.