

T2-09 Number: _____ Name: _____ Period: _____ Score: _____

Simplify each expression.

1. $\frac{1}{2} + \frac{3}{5} =$

2. $12 + (-10) =$

3. $4 - (-2) =$

4. $-\frac{6}{7} + \frac{1}{3} =$

5. $-\frac{3}{2} \left(-\frac{2}{3}\right) =$

6. $8(-9) =$

7. $-35 \div 7 =$

8. $\frac{\frac{7}{8}}{3} =$

Write each problem as an expression and then find the solution and explain its meaning

9. The lowest temperature ever recorded in Wyoming was -66°F . The highest temperature ever recorded was 115°F . What is the difference between these temperatures?

10. The temperature decreases 5 degrees for 6 hours. What is the total temperature change?

11. Frank picked $\frac{1}{4}$ of a bucket of apples and Jesse picked $1\frac{5}{8}$ of a bucket of apples. How many buckets did they fill in total?

12. There is $\frac{1}{2}$ of a pie left and 4 people want to share the pie. How much of the pie will each person get?