

Math 060
Whole Numbers and Fractions Worksheet

Evaluate:

1. $24 + 39 + 16 + 12 =$

2. $26002 + 599 + 3501 =$

3. $193 - 73 =$

4. $580092 - 349915 =$

5. $498 \times 38 =$

6. $11 \cdot 7 \cdot 6 \cdot 2 =$

7. $32223 \div 4 =$

8. $896 \div 64 =$

9. $2^6 =$

10. $4^2 + 9^2 \div 3^2$

Solve:

11. Roberto had \$2158 in his saving account six months ago. In the last six months he made four deposits: \$155, \$238, \$1119, and \$866. The bank deposited \$136 in interest over the six-month period. How much money does he have in the savings account at present?

12. Gary wants to determine the miles-per-gallon rating of his Geo Metro. He filled the tank when the odometer read 28862 miles. After ten days the odometer read 29438 miles and the tank required 9 gallons to be filled. How many miles per gallon did Gary's car achieve?

Reduce:

13. $\frac{130}{182}$

14. $\frac{198}{378}$

Solve:

$$15. \frac{8}{5} \times \frac{5}{12} \times \frac{3}{10}$$

$$16. 5\frac{1}{4} \times 10\frac{3}{11}$$

$$17. \frac{5}{8} \div 4$$

$$18. 5\frac{1}{6} \div 7$$

$$19. \frac{2}{5} - \frac{2}{25}$$

$$20. \frac{1}{12} + \frac{5}{15} + \frac{32}{21}$$

$$21. \frac{2}{5} - \frac{1}{3} \times \frac{6}{5}$$

$$22. 2\frac{1}{3} \div (\frac{2}{5} - \frac{3}{10})$$

23. For a party of the British Literature Club using all “English Foods,” Nancy bought a $10\frac{2}{3}$ -pound wheel of Stilton cheese, to go with the pears and the apples, at \$ $8\frac{3}{4}$ per pound. How much did the wheel of Stilton cheese cost?

24. A Greyhound bus made a long-distance run in upstate New York, stopping several times. The entire trip took $25\frac{1}{6}$ hours. The bus stopped a total of $2\frac{1}{3}$ hours for restroom and meal stops. The bus also stopped $1\frac{1}{2}$ hours for repairs. The bus traveled 854 miles. What was its average speed in miles per hour when it was moving? (Do not count stop times.)