

- List all the factors of 18.
- Consider the division $38 \div 5$.
 - Perform the division. Show both the quotient and the remainder. $38 \div 5 =$
 - Re-write $\frac{38}{5}$ as a mixed number.
 - Perform the division. Show the quotient as a decimal.
- Find $\frac{4}{7}$ of 350.
- We placed \$ 1200 in a bank account with an annual interest rate of 5%. How much money do we have after one year?
- A TV is priced at \$ 800. How much would it cost if it went on a 20% sale?
- Write the mixed number $4\frac{2}{9}$ as an improper fraction.
- Perform the following operations as indicated.
 - $\frac{14}{15} - \frac{3}{5} =$
 - $\frac{1}{2} - \frac{1}{3} =$
 - $4 - \frac{1}{4} =$
 - $3 \cdot \frac{6}{7} =$
 - $\frac{5}{6} \cdot \frac{9}{20} =$
 - $3\frac{1}{7} \div \frac{11}{12} =$
 - $5\frac{1}{4} \cdot \frac{5}{7} =$
- Simplify each of the following expressions by applying the order of operations agreement. Show all steps. Perform only one operation in each step.
 - $2 \cdot 5^2 - (6 \cdot 5 - 3^2) \div 3 =$
 - $20 - 7 - 1 =$
 - $10^2 - 7^2 =$
 - $(10 - 7)^2 =$
 - $2^3 - 2(11 - 3^2)^2 =$
 - $\frac{5^2 - 3^2}{2^2} =$

(g) $\frac{(5-3)^2}{2^2} =$

(h) $120 \div 6 \cdot 2 =$

(i) $\left(\left((7-4)^2 - 5\right)^2 - 6\right)^2 - 7 =$

(j) $\frac{22 - 3^2 + 2(20 - 3^2 - 5)}{3^2 - 2^2} =$

(k) $\frac{2^4 - 6 \div 2 \cdot 3}{5^2 - 100 \div 4} =$

(l) $2^6 - 2(3^2 + 2^3) + 3(2(15 - 2^3) - 2^2) =$

(m) $4(3(2(2^2 - 1) + 1) - 1) + 5 =$