1. A fourth of a stick is painted red, $2 / 3$ is painted blue, and the remaining 2 feet is unpainted. How long is the entire stick?

24 feet. $1 / 4+2 / 3=3 / 12+8 / 12=11 / 12$. The remaining $1 / 12$ of the stick is 2 feet. Therefore, the entire stick is 24 ft . long.
2. Martha multiplied her age by 6 , added 10 , divided by 2 , and then subtracted 3 times her age. What number was Martha left with?
5. Choose any age, say 20. $20 \times 6=120 ; 120+10=130.130 \div 2=65 ; 65-3(20)=65-60=$ 5.
3. One-fourth of the Smith family are female children. One-half of the Smith family are male children. Including Mr. and Mrs. Smith, there are $\qquad$ people in the Smith family.
8. The number of people in the Smith family is divisible by 4 ( $1 / 4$ are girls). The Smith family has 2 girls and 4 boys, totaling 6 children and 2 adults. $2 / 8=1 / 4$ and $4 / 8=1 / 2$.

