

1. A box of cookies contains 40 cookies.  $\frac{1}{2}$  of the cookies are chocolate chip.  $\frac{1}{4}$  of the rest of the cookies are sugar cookies. Of the remaining cookies,  $\frac{2}{3}$  are oatmeal raisin. How many cookies are oatmeal raisin?

2. Each week Mr. Potter spends one day grading papers. On  $\frac{1}{2}$  of the rest of the week, Mr. Potter prepares centers. On the other days he eats cookies. How many days does Mr. Potter eat cookies?

3. A classroom has 30 students.  $\frac{2}{3}$  of the students have brown eyes.  $\frac{1}{2}$  of the other students have blue eyes. The rest have green eyes. How many students have green eyes?

4. There are 20 marbles in a bag.  $\frac{3}{4}$  of the bag is blue marbles.  $\frac{3}{5}$  of the remaining marbles are yellow. The rest of the marbles are green. How many marbles are green?

5. 60 people are asked about what sports they like.  $\frac{1}{3}$  of the people like to play basketball.  $\frac{1}{4}$  of the rest like to play football.  $\frac{1}{2}$  of the remaining people like soccer. The rest of the people don't like to play sports. How many people don't like to play sports?

6. Gavin has 15 video games.  $\frac{1}{3}$  of his video games are horror games.  $\frac{3}{5}$  of the rest of the video games are first person shooter games. How many of his games are first person shooters?