



Simple Pleasures Candy

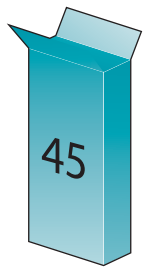
Answer Sheet



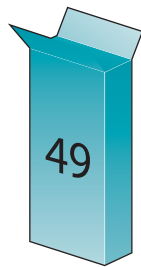
Fractions are everywhere, even in candy! Look at the boxes of candy below and simplify the ratios of the colors to the total number of pieces of candy in each bag.

Look at the number on the box and the number of the color given and simplify the fraction. Be sure to show your work.

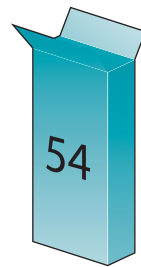
Jelly Beans



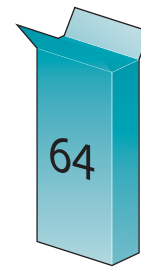
18 orange jelly beans



21 blue jelly beans



18 magenta jelly beans



24 green jelly beans



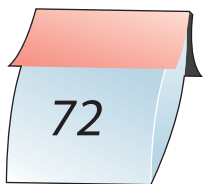
$$\frac{\text{orange jelly beans}}{\text{total \#}} = \frac{18 \div 9}{45 \div 9} = \frac{2}{5}$$

$$\frac{21 \div 7}{49 \div 7} = \frac{3}{7}$$

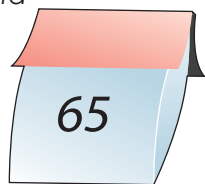
$$\frac{18 \div 9}{54 \div 9} = \frac{2}{6} = \frac{1}{3}$$

$$\frac{24 \div 8}{64 \div 8} = \frac{3}{8}$$

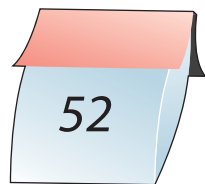
Candy Slices



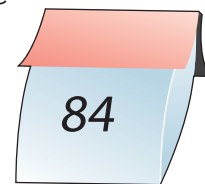
45 magenta slices



13 purple slices



26 turquoise slices



48 yellow slices



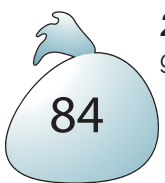
$$\frac{45}{72} = \frac{5}{8}$$

$$\frac{13}{65} = \frac{1}{5}$$

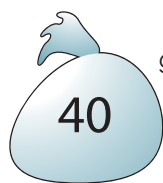
$$\frac{26}{52} = \frac{2}{4} = \frac{1}{2}$$

$$\frac{48}{84} = \frac{4}{7}$$

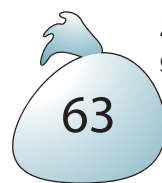
Gummy Bears



21 yellow gummy bears



12 red gummy bears



26 green gummy bears



5 orange gummy bears



$$\frac{21}{84} = \frac{3}{12} = \frac{1}{4}$$

$$\frac{12}{40} = \frac{3}{10}$$

$$\frac{26}{63}$$

$$\frac{5}{45} = \frac{1}{9}$$

Activity: With your own favorite colorful candy, find the fractions of each color in the bag.