

- In a dried fruit mix, there are 7 parts of dried apples, 4 parts of dried pears and 5 parts of dried apricots. What is the weight (how many grams) of apples, pears, and apricots in the fruit mix, if the total weight of the mix is 1600g?
- A merchant accidentally mixed candies of the first type (priced at \$3 per pound) with candies of the second type (priced at \$2 per pound). At what price should this mixture be sold to obtain the same total amount, given that it is known that initially the total cost of all candies of the first type was equal to the total cost of all candies of the second type?
- Peter spent 15% of his money and 1.5 dollars on a doughnut and $\frac{3}{5}$ of his money and 30 cents on ice-cream. How much money did he have?
- In Peter's bottle there is 10% more soda than in John's bottle. Peter drank 11% of his soda, while John drank 2% of his soda. So, who has more soda left?
- Solve the equations:

$$a. \frac{x}{7.2} = \frac{1\frac{1}{9}}{0.25}; \quad b. \frac{2\frac{1}{3}}{0.6x} = \frac{2.5}{1\frac{2}{7}}; \quad c. \frac{\frac{7}{12}}{0.14} = \frac{50x}{4.8}; \quad d. \frac{1\frac{3}{17}}{13.75} = \frac{2\frac{2}{11}}{3x}$$

- Evaluate (try to do it by the easiest possible way):

$$\frac{7777777 \cdot 7777777}{1 + 2 + 3 + 4 + 5 + 6 + 7 + 6 + 5 + 4 + 3 + 2 + 1} - \frac{5555555 \cdot 5555555}{1 + 2 + 3 + 4 + 5 + 4 + 3 + 2 + 1};$$