

5. Can you figure these out? It requires some 'reverse thinking'!

a. $\frac{1}{2}$ of ___ is 6.	b. $\frac{1}{3}$ of ___ is 18.	c. $\frac{1}{5}$ of ___ is 10.	d. $\frac{1}{4}$ of ___ is 8.	e. $\frac{1}{10}$ of ___ is 2.
f. $\frac{9}{10}$ of ___ is 45.	g. $\frac{2}{3}$ of ___ is 12.	h. $\frac{3}{5}$ of ___ is 15.	i. $\frac{3}{4}$ of ___ is 33.	j. $\frac{3}{10}$ of ___ is 21.

6. Solve how much is left or how much was in the beginning!

- a. There were 16 apples. Rhonda ate $\frac{1}{4}$ of them. How many are left?
- b. Mom used $\frac{1}{3}$ of the 12 eggs. How many are left?
- c. Tom ate 4 hazelnuts, which was $\frac{1}{8}$ part of the nuts. How many nuts were there to start with?
- d. Lisa used \$5 to buy a gift, which took $\frac{1}{3}$ of her savings. How much did she have in the beginning? How much does she have left now?
- e. Mom used $\frac{2}{3}$ of the eggs she had, and now she has 2 eggs left. How many did she have originally?
- f. The store had 48 bananas, and sold $\frac{2}{3}$ of them. How many are left?
- g. The bus can seat 44 passengers. It is now $\frac{3}{4}$ full. How many seats are still empty?
- h. Maria has \$50 in her savings. She used $\frac{1}{5}$ of it for apples. Then, of the remaining money she used $\frac{3}{8}$ for bananas and a pineapple. How many dollars does she have left?
- i. Ken sold $\frac{3}{5}$ of his marbles, and now he has 14 left. How many did he have originally?
- j. $\frac{1}{5}$ of Tim's stone collection is white stones. He has total of 75 stones. How many of them are not white?

Puzzle Corner

How many cookies?

a. Mom baked cookies, and gave $\frac{1}{2}$ of them to Beth, and of **the remaining ones**, she gave $\frac{2}{3}$ to Seth. The rest, which was 4 cookies, she ate herself. How many did she bake originally?

b. This time Mom baked again cookies, and gave $\frac{1}{2}$ of them to Beth, and of **the remaining ones** she gave $\frac{1}{3}$ to Seth. Then there were left 2 cookies. How many did she bake originally?