



FRACTION OF A NUMBER PROBLEMS 2C

WORKING OUT

- 1)  There are 42 rabbits in a warren. $\frac{2}{7}$ of the rabbits leave.
How many rabbits leave? How many are in the warren?

_____ rabbits leave. _____ rabbits are in the warren.

- 2)  A farmer has 60 apple trees and pear trees. $\frac{3}{4}$ of his trees are apple trees. How many pear trees does he have?

He has _____ pear trees.

- 3)  Frazer and Sally have 80 marbles between them.
Sally owns $\frac{2}{5}$ of the marbles.
How many of the marbles does each of them own?

Sally owns _____ marbles. Frazer owns _____ marbles.

- 4)  There are 72 cars in a parking lot. $\frac{3}{8}$ of the cars drive away. How many cars are there now?

There are _____ cars now.

- 5)  Captain flips a coin 99 times. It comes down heads $\frac{4}{9}$ of the time. How many tails did he flip?

He flipped _____ tails.

- 6)  In a pet store, there are 48 lizards for sale. $\frac{5}{6}$ of the lizards are bearded dragons and the rest are leopard geckos. How many of each type of lizard are for sale?

There are _____ bearded dragons and _____ geckos.



FRACTION OF A NUMBER PROBLEMS 2C ANSWERS

WORKING OUT

- 1)  There are 42 rabbits in a warren. $\frac{2}{7}$ of the rabbits leave.
How many rabbits leave? How many are in the warren?

$$\frac{2}{7} \text{ of } 42 = 12$$

$$42 - 12 = 30$$

12 rabbits leave. 30 rabbits are in the warren.

- 2)  A farmer has 60 apple trees and pear trees. $\frac{3}{4}$ of his trees are apple trees. How many pear trees does he have?

$$\frac{3}{4} \text{ of } 60 = 45.$$

$$60 - 45 = 15$$

$$\text{(or } \frac{1}{4} \text{ of } 60 =$$

$$15)$$

He has 15 pear trees.

- 3)  Frazer and Sally have 80 marbles between them.
Sally owns $\frac{2}{5}$ of the marbles.
How many of the marbles does each of them own?

$$\frac{2}{5} \text{ of } 80 = 32$$

$$80 - 32 = 48$$

Sally owns 32 marbles. Frazer owns 48 marbles.

- 4)  There are 72 cars in a parking lot. $\frac{3}{8}$ of the cars drive away. How many cars are there now?

$$\frac{3}{8} \text{ of } 72 = 27$$

$$72 - 27 = 45$$

There are 45 cars now.

- 5)  Captain flips a coin 99 times. It comes down heads $\frac{4}{9}$ of the time. How many tails did he flip?

$$\frac{4}{9} \text{ of } 99 = 44$$

$$99 - 44 = 55$$

He flipped 55 tails.

- 6)  In a pet store, there are 48 lizards for sale. $\frac{5}{6}$ of the lizards are bearded dragons and the rest are leopard geckos. How many of each type of lizard are for sale?

$$\frac{5}{6} \text{ of } 48 = 40$$

$$48 - 40 = 8$$

There are 40 bearded dragons and 8 geckos.