





FRACTION OF A NUMBER PROBLEMS 2A


WORKING OUT

- 1)  There are 35 rabbits in a warren. $\frac{1}{5}$ 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 28 apple trees and pear trees. $\frac{1}{4}$ of his trees are apple trees. How many pear trees does he have?


He has _____ pear trees.

- 3)  Frazer and Sally have 27 marbles between them.
Sally owns $\frac{1}{3}$ 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. $\frac{1}{2}$ of the cars drive away. How many cars are there now?

There are _____ cars now.

- 5)  Captain flips a coin 30 times. It comes down heads $\frac{1}{3}$ of the time. How many tails did he flip?

He flipped _____ tails.


- 6)  In a pet store, there are 24 lizards for sale. $\frac{1}{6}$ 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 2A ANSWERS


WORKING OUT

- 1)  There are 35 rabbits in a warren. $\frac{1}{5}$ of the rabbits leave.
How many rabbits leave? How many are in the warren?

$$\frac{1}{5} \text{ of } 35 = 7$$

$$35 - 7 = 28$$


7 rabbits leave. 28 rabbits are in the warren.

- 2)  A farmer has 28 apple trees and pear trees. $\frac{1}{4}$ of his trees are apple trees. How many pear trees does he have?

$$\frac{1}{4} \text{ of } 28 = 7.$$

$$28 - 7 = 21$$


He has 21 pear trees.

- 3)  Frazer and Sally have 27 marbles between them.
Sally owns $\frac{1}{3}$ of the marbles.
How many of the marbles does each of them own?

$$\frac{1}{3} \text{ of } 27 = 9$$


$$27 - 9 = 18$$

Sally owns 9 marbles. Frazer owns 18 marbles.

- 4)  There are 72 cars in a parking lot. $\frac{1}{2}$ of the cars drive away. How many cars are there now?

$$\frac{1}{2} \text{ of } 72 = 36$$


There are 36 cars now.

- 5)  Captain flips a coin 30 times. It comes down heads $\frac{1}{3}$ of the time. How many tails did he flip?

$$\frac{1}{3} \text{ of } 30 = 10$$

$$30 - 10 = 20$$

He flipped 20 tails.

- 6)  In a pet store, there are 24 lizards for sale. $\frac{1}{6}$ of the lizards are bearded dragons and the rest are leopard geckos. How many of each type of lizard are for sale?

$$\frac{1}{6} \text{ of } 24 = 4$$

$$24 - 4 = 20$$

There are 4 bearded dragons and 20 geckos.