





FRACTION OF A NUMBER PROBLEMS 2B


WORKING OUT

- 1)  There are 42 rabbits in a warren. $\frac{1}{6}$ 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. $\frac{1}{4}$ of his trees are apple trees. How many pear trees does he have?


He has _____ pear trees.

- 3)  Frazer and Sally have 100 marbles between them.
Sally owns $\frac{1}{5}$ of the marbles.
How many of the marbles does each of them own?


Sally owns _____ marbles. Frazer owns _____ marbles.

- 4)  There are 42 cars in a parking lot. $\frac{1}{7}$ of the cars drive away. How many cars are there now?

There are _____ cars now.

- 5)  Captain flips a coin 90 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 48 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 2B ANSWERS

WORKING OUT

- 1)  There are 42 rabbits in a warren. $\frac{1}{6}$ of the rabbits leave.
How many rabbits leave? How many are in the warren?
 $\frac{1}{6}$ of 42 = 7
 $42 - 7 = 35$
7 rabbits leave. 35 rabbits are in the warren.
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- 2)  A farmer has 60 apple trees and pear trees. $\frac{1}{4}$ of his trees
are apple trees. How many pear trees does he have?
 $\frac{1}{4}$ of 60 = 15.
 $60 - 15 = 45$
He has 45 pear trees.
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- 3)  Frazer and Sally have 100 marbles between them.
Sally owns $\frac{1}{5}$ of the marbles.
How many of the marbles does each of them own?
 $\frac{1}{5}$ of 100 = 20
 $100 - 20 = 80$
Sally owns 20 marbles. Frazer owns 80 marbles.
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- 4)  There are 42 cars in a parking lot. $\frac{1}{7}$ of the cars drive
away. How many cars are there now?
 $\frac{1}{7}$ of 42 = 6
 $42 - 6 = 36$
There are 36 cars now.
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- 5)  Captain flips a coin 90 times. It comes down heads $\frac{1}{3}$ of
the time. How many tails did he flip?
 $\frac{1}{3}$ of 90 = 30
 $90 - 30 = 60$
He flipped 60 tails.
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- 6)  In a pet store, there are 48 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?
 $\frac{1}{6}$ of 48 = 8
 $48 - 8 = 40$
There are 8 bearded dragons and 40 geckos.