

Zone:
India

Type:
Number

Game:
**Brahmagupta's
Problem**

Time allowed:
3 minutes

India

Number

Brahmagupta's Problem

Time allowed - 3 minutes

Also Needed:

**pen / pencil
paper**

**This problem is based on one written
1400 years ago by the great Indian
mathematician Brahmagupta**

India - Number

Brahmagupta's Problem – 3 minutes






Enlarge the puzzle to A3 size.

Mount on card.

Provide pen/pencil and paper.

Brahmagupta's Problem

This problem is based on one written 1400 years ago by the great Indian mathematician Brahmagupta.

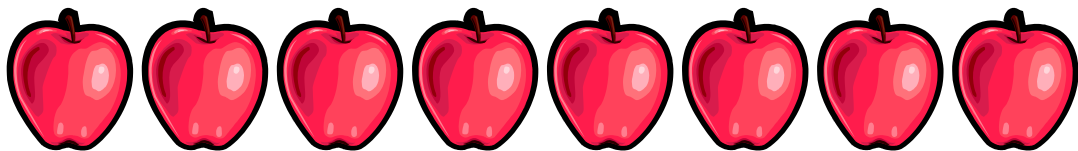
-  Brahma gave out all the apples in a bag
-  He gave one third to Rupa
-  He gave one quarter to Bashir
-  He gave one fifth to Glita
-  He kept 13 for himself

How many apples were there in the bag?

India - Number

ANSWER

Brahmagupta's Problem



$\frac{1}{3}$ to Rupa	$\frac{1}{4}$ to Bashir	$\frac{1}{5}$ to Glita	13 for himself
20	15	12	13

Answer
= 60 apples

