

# Chilli Challenges

## Hot

Which of the word problems can be solved using  $12 \div 4$ ?

There are 12 bags of sweets with 4 sweets in each bag.  
How many sweets are there altogether?

A rollercoaster carriage holds 4 people.  
How many carriages are needed for 12 people?

I have 12 crayons and share them equally between 4 people.  
How many crayons does each person receive?

I have 12 buns and I give 4 to my brother.  
How many do I have left?

Explain your reasoning for each.

---

## Spicy

Five children are playing a game.

They score 4 points for every bucket they knock down.



Mo	16
Eva	28
Tommy	12
Amir	32
Dora	8

How many buckets did they knock down each?

How many buckets did they knock down altogether?

How many more buckets did Eva knock down than Mo?

# Answers

## Hot

No, the calculation is  $12 \times 4 = 48$  sweets

Yes, 12 is being grouped into 4s.

Yes, 12 is being shared equally into 4 groups.

No, the calculation is  $12 - 4 = 8$  buns

## Spicy

Mo = 4 buckets.

Eva = 7 buckets.

Tommy = 3 buckets.

Amir = 8 buckets.

Dora = 2 buckets.

They knocked down 24 buckets altogether.

Eva knocked 3 more buckets down than Mo.