

Christmas tree

Rudolph put six stars on a tree.
He coloured each star either red or yellow.



In how many different ways can Rudolph colour the four stars?

Pick a pair

Choose from these numbers.



1. Pick a pair of numbers.
Add them together.
Write the numbers and the answer.

Pick a different pair of numbers.
Write the numbers and the answer.

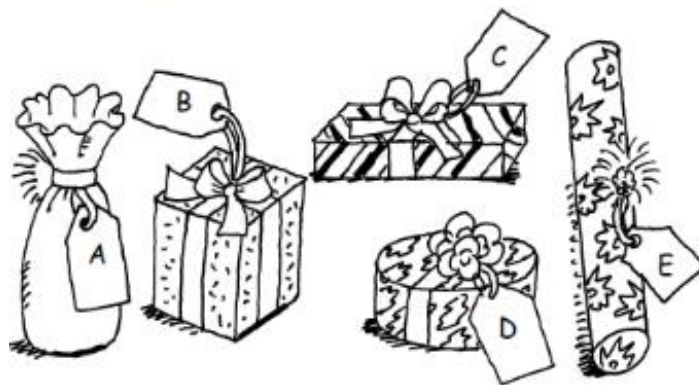
Keep doing it.
How many different answers can you get?

2. Now take one number from the other.
How many different answers can you get now?

3. How many answers can you find using multiplication and division?

Presents

Gurmit paid £21 for five presents.



For A and B he paid a total of £6.
For B and C he paid a total of £10.
For C and D he paid a total of £7.
For D and E he paid a total of £9.

How much did Gurmit pay for each present?