

Three egg baskets

Three egg baskets

There are three baskets, a yellow one, a red one and a pink one, holding a total of ten eggs.

The yellow basket has one more egg in it than the red basket.

The red basket has three eggs less than the pink basket.

How many eggs are there in each basket?



Three egg baskets

The yellow basket has one more egg in it than the red basket.

The red basket has three eggs less than the pink basket.

How many eggs are in each basket?

Trial and improvement

Three baskets and 10 eggs.

Children move the eggs from one basket to the other until the problem is solved.



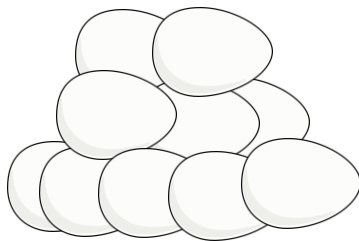
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The yellow basket has one more egg in it than the red basket.

The red basket has three eggs less than the pink basket.

How many eggs are in each basket?

Algebra



$$Y = P - 2$$



$$R = P - 3$$



$$P$$

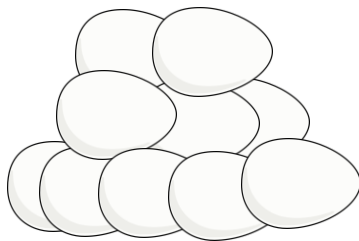
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The yellow basket has one more egg in it than the red basket.

The red basket has three eggs less than the pink basket.

How many eggs are in each basket?

Solution



3 eggs



2 eggs



5 eggs