

# Cooking Time

## Activity One

Amanda is cooking three meat patties on the barbecue.

Each patty takes 3 minutes to cook one side and 6 minutes to cook both sides.

Only two patties can fit on the barbecue at the same time.

1. What is the shortest time Amanda needs to cook all three meat patties?
2. How long would it take to cook seven patties?



## Activity Two

While he is shipwrecked on a small island in the middle of the Pacific Ocean, Robinson has to cook damper bread on an open fire.

The instructions his grandmother gave him say to cook the bread for 8 minutes.

Robinson doesn't have a watch.

Instead, he has two egg timers, one that measures 5 minute intervals and one that measures 2 minute intervals.

How can Robinson use both his timers to make sure that he cooks his bread for exactly 8 minutes?



## Activity Three

Esther has entered the microwave cooking competition. She needs to cook a meal for four people in less than 1 hour.

Esther has chosen to cook chicken, jacket potatoes, corn on the cob, and cauliflower. She has worked out the following cooking times:

jacket potatoes	3 minutes each
corn on the cob	$2\frac{1}{2}$ minutes each
cauliflower	10 minutes for half a head
1.2 kg chicken	10 minutes per 500 grams.

Show how Esther could cook her meal in less than 1 hour.

