Mathematics

Flying Time

Time recommended: 30 minutes
Year 5 and 6

Strand:	Number and Algebra
Descriptor:	Number and Place Value
Solve problems involving division by a one digit number, including those that result in a remainder (ACMNA101)	

Flying Time

Complete the following problems relating to the flying speed and distance travelled by the Helicopter.

1. What is the average speed of the Helicopter in the video?

   _____

2. Using the speed of the Helicopter, work out the amount of time it would take for the Helicopter to fly to a mission that is:

   a) 450 kilometres away (show your working) _____

   _____

   b) 120 kilometres away (show your working) _____

   _____

3. Using the speed of the Helicopter, work out how far away a mission is if it takes the Helicopter the following amount of time to get there:

   a) 45 minutes (show your working) _____

   _____

   b) 15 minutes (show your working) _____

   _____

   c) 30 minutes (show your working) _____

   _____

4. If the speed of a car on the highway is 100 kilometres per hour, compare how long it would take the Helicopter and a car to travel the following distances.

	Helicopter	Car
a) 150km		
b) 300km		
c) 160km		