

Wheel and Deal

You need counters

a calculator (optional)

Activity One

A gang of cunning cats held up the cat-food truck.

They made off with 36 tins of Frisky Fish cat food.

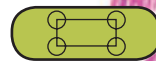
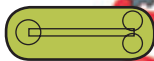
The police do not know how many cunning cats there are, but they do know that this gang always shares out its loot equally.

How many tins might each cat have?



Activity Two

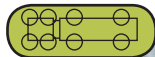
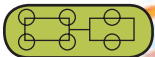
The Wheel Factory makes toys for children.



Scooters need two wheels.

Tricycles need three wheels.

Pushchairs need four wheels.



Cars with trailers need six wheels.

Trucks need eight wheels.

The factory ordered 48 wheels.

1. How many of each toy might they make?
2. When the 48 wheels arrived, the factory realised they fitted only pushchairs and cars with trailers. How many of each toy could the factory make?
3. Make up some questions about The Wheel Factory's toys for your class to solve.

Hmmm ...