

Objective: TBAT use direct proportion to solve problems



Met

Partially
Met

Not Met

Work on the following sections:

Column 1

Column 2

Extension

Column 1	Column 2
6 lightbulbs cost £5.10. a) How much would 12 lightbulbs cost? b) How much would 3 lightbulbs cost? c) How much would 1 lightbulb cost?	There are some fish in a pond. 8 of the fish are goldfish and 6 of the fish are clown fish. a) What proportion of the fish are gold, as a fraction? b) What is the ratio of goldfish to clownfish? c) Another pond has goldfish and clownfish in the same proportion. There are 35 fish in this other pond in total. How many goldfish are there?
Betty is making some cakes. The recipe states use 200g of butter to make cakes for 12 people. a) How much butter would she need to make cakes for 36 people? b) How much butter would she need to make cakes for 3 people? c) How many people can she makes cakes for if she has 1kg of butter?	
Extension: A car uses 15 litres of petrol in travelling 100km. A full tank is 60 litres. At the end of the journey there was 20 litres left in the car. How long was the journey?	