Direct proportion: worded problems

Exit ticket Name _____

1. The cost, C pounds, of hiring a boat is directly proportional to the time, t hours. 4 hours cost £36. Find a formula for C in terms of t.

2. The mass, m grams, of a chain is directly proportional to its length, L cm. 6 cm of chain has a mass of 42 g. Find the mass of 15 cm of chain.

3. Pay, P pounds, is directly proportional to the hours worked, h. 4 hours pay £50. How many hours pay £87.50?

The Maths Habit

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