Discussion Problems
Step 4: Hours and Days

National Curriculum Objectives:

Mathematics Year 2: (2M4c) Know the number of minutes in an hour and the number of hours in a day

About this resource:

This resource has been designed for pupils who understand the concepts within this step. It provides pupils with more opportunities to enhance their reasoning and problem solving skills through more challenging problems. Pupils can work in pairs or small groups to discuss with each other about how best to tackle the problem, as there is often more than one answer or more than one way to work through the problem.

There may be various answers for each problem. Where this is the case, we have provided one example answer to guide discussion.

We recommend self or peer marking using the answer page provided to promote discussion and self-correction.

More Year 2 Time resources.

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Hours and Days

1. Using the digit cards below, create durations of time in hours. You must use a different combination of two cards each time.

3	6	2	8	4

Convert each of the times from hours into days and hours.



DP

2. Billy is thinking about time.



> **Only durations of time which are over 2 hours should have 3 digits when converted into minutes.**

Investigate and identify all possible answers that prove Billy is wrong.

DP

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Hours and Days

1. Using the digit cards below, create durations of time in hours. You must use a different combination of two cards each time.

3	6	2	8	4

Convert each of the times from hours into days and hours.



Various possible answers, for example:

24 hours = 1 day
36 hours = 1 day 12 hours
48 hours = 2 days
62 hours = 2 days 14 hours

DP

2. Billy is thinking about time.



> Only durations of time which are over 2 hours should have 3 digits when converted into minutes.

Investigate and identify all possible answers that prove Billy is wrong.

Various possible answers to prove Billy is wrong, for example; 102 minutes is less than two hours. It is 1 hour and 42 minutes.
Accept answers which accurately demonstrate that times between 100 – 119 minutes are three digit numbers but are less than two hours.

DP

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