Discussion Problems
Step 1: Kilometres

National Curriculum Objectives:

Mathematics Year 4: (4M5) Convert between different units of measure (for example, kilometre to metre; hour to minute)

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.
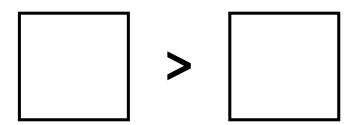
More Year 4 Length and Perimeter resources.

Did you like this resource? Don't forget to review it on our website.

Kilometres

1. Investigate the different combinations of cards that could fill in the statement below.

$$\boxed{} > \boxed{}$$

$6\frac{1}{2}$km	$8\frac{3}{4}$km	6,500m	$9\frac{3}{4}$km	0.5km
$8\frac{1}{4}$km	65m	550m	$5\frac{1}{2}$km	6,750m

DP

2. Cut out the cards below and place them face down on the table. Take it in turns to turn over two cards and match the equivalent measurements.

$3\frac{1}{4}$ km	200m	$6\frac{5}{10}$ km	0.2km	900m
2,500m	0.9km	750m	$\frac{1}{2}$ km	5km	500m
$\frac{3}{4}$ km	5,000m	6,500m	3,250m	$2\frac{1}{2}$ km

Keep the cards you match correctly. The person with the most pairs wins.

DP

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Discussion Problems – Kilometres – Year 4

Kilometres

1. Investigate the different combinations of cards that could fill in the statement below.

| $6\frac{1}{2}$ km | > | 65m |

| $6\frac{1}{2}$km | $8\frac{3}{4}$km | 6,500m | $9\frac{3}{4}$km | 0.5km |

| $8\frac{1}{4}$km | 65m | 550m | $5\frac{1}{2}$km | 6,750m |

DP

2. Cut out the cards below and place them face down on the table. Take it in turns to turn over two cards and match the equivalent measurements.

| $3\frac{1}{4}$ km | 3,250m | $6\frac{5}{10}$ km | 6,500m | 2,500m | $2\frac{1}{2}$ km |

| 900m | 0.9km | 500m | $\frac{1}{2}$ km | 5km | 5,000m |

| $\frac{3}{4}$ km | 750m | 0.2km | 200m |

Keep the cards you match correctly. The person with the most pairs wins.

DP

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Discussion Problems – Kilometres ANSWERS