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| My score: |
| Developing | (0-4) |
| Secure | (5-8) |
| Expanding | (9-12) |

Name:

Form:

Submission date:

**Number homework**

**Section A - Factors and Multiples**

1. Find the common factors of the following numbers:

a) 21 and 35

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 (1)

b) 20 and 40

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 (1)

1. Write 72 as the product of its prime factors.

…………………………………..

(1)

1. Buses to Acton leave a bus station every 15 minutes.
Buses to Barton leave the same bus station every 13 minutes.

A bus to Acton and a bus to Barton both leave the bus station at 9 00 am.

When will a bus to Acton and a bus to Barton next leave the bus station at the same time?

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(3)

**Section B – Indices**

1. Find the value of 122

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(1)

(b) Find the square root of 81

. . . . . . . . . . . . . . . . . . . . . .

(1)

1. What two values does the following square root lie between?

 $\sqrt{42}$

(1)

1. Evaluate:

(a) 22 x 44

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 (1)

(b) 43 ÷ 24

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 (1)

1. Evaluate (33)2

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(1)