SMART EXAM RESOURCES
CAMBRIDGE LOWER SECONDARY
STAGE 7 TOPIC QUESTIONS
MATHS
FACTORS AND MULTIPLES-SET-1

1   Draw a ring around **each** number that is a common factor of 30 and 75

  5   15   25   75

[1]

5 **and** 15	1		Both answers correct for the mark. Accept any clear indication.

2   Draw a ring around the pair of numbers that have exactly two common factors.

       4 and 16   10 and 19   45 and 60   4 and 22

[1]

4 and 22	1		Accept any clear indication.

3   Draw a ring around each number that divides exactly into 120

            3   8   9   10   100

[1]

MARK SCHEME

Mark	Answer	Further Information
1	③ ⑧ 9 ⑩ 100	All three correct for 1 mark.
1		

4   Find the highest common factor of 36 **and** 63

.... [2]

| 9 | 2 | Award 1 mark for correctly listing the factors of 36 (1, 2, 3, 4, 6, 9, 12, 18, 36) or 63 (1, 3, 7, 9, 21, 63) Accept **two** omissions.

or

Award 1 mark for answer 3 | Award 1 mark for correct prime factors of 36 ($2 \times 2 \times 3 \times 3$) **or** 63 ($3 \times 3 \times 7$) |

5   Find the lowest common multiple of 25 and 40

.... [1]

MARK SCHEME

200	1

6   Find the lowest common multiple of 24 and 18

.... [1]

MARK SCHEME

a.	72	1

7   Draw a ring around **each** number that is a common multiple of 3 **and** 4

120   342   998   384

[1]

MARK SCHEME

120 **and** 384	**1**		Accept any clear indication. Both answers correct for the mark.