

SMART EXAM RESOURCES
CAMBRIDGE LOWER SECONDARY MATHS
STAGE 8
TOPIC: INDICES
SET-2

- 1 Write down the value of 13^0

..... [1]

MARK SCHEME

1	1	
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2 Here are three equations.

$$80 = 2^m \times 5$$

$$72 = 2^n \times 3^2$$

$$80 \times 72 = 2^p \times 3^2 \times 5$$

Work out the values of m , n and p .

$$m = \dots\dots\dots$$

$$n = \dots\dots\dots$$

$$p = \dots\dots\dots [3]$$

MARK SCHEME

$(m =) 4$ $(n =) 3$ $(p =) 7$	3	Award 1 mark for $(m =) 4$ and Award 1 mark for $(n =) 3$ and Award 1 mark for $(p =) 7$ or if $p = \text{their } m + \text{their } n$.
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