

SMART EXAM RESOURCES
TOPIC : NUMBERS
SQUARE/CUBE NUMBERS SET-1-QP-MS

1

ap is a cube number.

Find the smallest integer value of p .

Answer(b) [1]

MARK SCHEME:

| 45

| **1** |

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21 24 25 27 29 39 48

2

From the list of numbers, write down

(a) the prime number,

..... [1]

(b) the cube number.

..... [1]

MARK SCHEME:

(a)	29 only	1	
(b)	27 only	1	

3

$540n$ is a cube number.

Find the smallest possible value of n .

..... [1]

MARK SCHEME:

50 or 2×5^2	1	
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- 4** (a) A number is greater than 1.
The number is also both a square number and a cube number.

Write down a possible value of this number.

..... [1]

MARK SCHEME:

64	1
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5

8 27 49 51 53 55 99

From this list write down the square number.

..... [1]

MARK SCHEME:

49	1	
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