

Square and Cube Numbers

1 Fill in the missing numbers.

 $4^2 = 4 \times 4 = \boxed{}$

1 mark

 $4^3 = \boxed{} \times \boxed{} \times \boxed{} = \boxed{}$

1 mark

 $9^2 = \boxed{} \times \boxed{} = \boxed{}$

1 mark

 $\boxed{} = \boxed{} \times \boxed{} = 49$

1 mark

2 Fill in the missing number in this sequence.

nine sixteen twenty five



forty nine

1 mark

3 What is 5 cubed? Circle the correct answer.



215

25

100

125

55

250

1 mark

4 Work out:

$3^2 + 5^2$



1 mark

$3^3 - 2^2$



1 mark

Square and Cube Numbers

5

Calculate $6^2 + 8^2$.



1 mark

Is your answer another square number? Circle: YES or NO



1 mark

Write a square number in each box to make this calculation correct:



9 +

=

1 mark

6

Put a square number in each box to make these calculations correct.



+

= 80



-

= 33



÷

= 9

3 marks

7

Horace says, "56 is a cube number."

Use two cube numbers that you know to explain why Horace is not correct.



2 marks

8

There are two ways of adding two square numbers to make 65.

Write a different square number in each box.



+

= 65

and



+

= 65

2 marks

"I can recognise and use square and cube numbers."

