MEMORANDUM

Name: ..... Class: .....

Date: .....

MARK ____ / 12

Answer all questions. Show all your working — marks are awarded for method as well as the final answer. **Teacher copy: accept any correct equivalent method.**

1 $0{,}4^2$ **(1)**

$4 \times 4 = 16$, 2 dp → **0,16** ✓ (1)

2 $0{,}5^2$ **(1)**

0,25 ✓ (1)

3 $1{,}2^2$ **(1)**

$12 \times 12 = 144$, 2 dp → **1,44** ✓ (1)

4 $0{,}2^3$ **(1)**

$2 \times 2 \times 2 = 8$, 3 dp → **0,008** ✓ (1)

5 $0{,}1^3$ **(1)**

0,001 ✓ (1)

6 $\sqrt{0{,}09}$ **(1)**

$\frac{9}{100} \rightarrow \frac{3}{10} =$ **0,3** ✓ (1)

7 $\sqrt{0{,}64}$ **(1)**

$\frac{64}{100} \rightarrow \frac{8}{10} =$ **0,8** ✓ (1)

8 $\sqrt{1{,}44}$ **(2)**

$\frac{144}{100} \rightarrow \frac{12}{10} =$ **1,2** ✓✓ (2)

9 $\sqrt[3]{0{,}027}$ **(2)**

$\frac{27}{1\,000} \rightarrow \frac{3}{10} = \mathbf{0{,}3}$ ✓✓ (2)

10 $\sqrt[3]{0{,}001}$ **(1)**

$\frac{1}{1\,000} \rightarrow \frac{1}{10} = \mathbf{0{,}1}$ ✓ (1)

TOTAL: 12 marks

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