Using a calculator

Grade 3 | Foundation | 10 questions, 22 marks

GCSE Maths topic practice

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Name: _____ **Date:** _____ **Score:** _____ **/ 22**

1 Use your calculator to work out

a. 4.7^2

b. 3.1^3

(2 marks)

Answer _____

2 Use your calculator to work out

a. $\sqrt{17.64}$

b. the cube root of 15.625

(2 marks)

Answer _____

3 Use your calculator to work out

$(6.3 + 2.48) \times 1.6$

Write down all the figures on your calculator display.

(2 marks)

Answer _____

4 a. Ade works out the cost of some cinema snacks, in pounds. His calculator shows 7.2
Write down the cost as an amount of money.

b. Ade works out the time a coach journey takes, in hours. His calculator shows 2.4
Write down the time in hours and minutes.

(2 marks)

Answer _____

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5 a. Use your calculator to work out

$$\frac{12.6 + 8.1}{4.5 - 1.2}$$

Give your answer correct to 2 decimal places.

b. Sam types 12.6 + 8.1 ÷ 4.5 − 1.2 into his calculator and gets 13.2

Explain the mistake Sam has made.

(3 marks)

Answer _____

6 Use your calculator to work out

$$\left(\frac{3}{8} + \frac{5}{12}\right) \div \frac{2}{3}$$

Give your answer as a fraction in its simplest form.

(2 marks)

Answer _____

7 Use your calculator to work out

$\sqrt{(3.2^2 + 6^2)}$

(2 marks)

Answer _____

8 Petrol costs 142.9p per litre.

Hana buys 36.5 litres of petrol.

Work out how much she pays. Give your answer in pounds, to the nearest penny.

(2 marks)

Answer _____

9 a. Use your calculator to work out $(6.4 \times 10^7) \div (1.6 \times 10^3)$

Give your answer in standard form.

b. Ella's calculator shows the answer to a different calculation as 2.5×10^{-3}

Write this as an ordinary number.

(2 marks)

Answer _____

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10 Use your calculator to work out

$$\frac{5.6^3 - \sqrt{200}}{2.1 + 0.35^2}$$

a. Write down all the figures on your calculator display.

b. Give your answer to part (a) correct to 3 significant figures.

(3 marks)

Answer _____

End of questions | Total 22 marks

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