Non-calculator Questions

Edexcel

1.

Work out $80 - 6 \times 2$

(1)

2.

Work out $12^2 + 208$

(3)

NCFE

3.

Denise needs wax to make candles.

She wants to know how much wax, in kilograms (kg), she needs to buy.

She uses this calculation:

$$\frac{870 \times 1.5}{10^2}$$

How much wax will Denise need to buy?

[3 marks]

Your answer: _____ **kg**

City & Guilds

4.

$4 + 3 \times 2 =$

(1 mark)

5.

$18 - 5 \times 2 =$

(1 mark)

6.

$8 + (7 - 5) \times 3 =$

(1 mark)

7.

$(4 + 2) \times 6 - 1 =$

(1 mark)

Highfield

8.

Calculate the value of W

$W = 10 + 8 \times 37$

Write the answer in the box below.   *(1 mark)*

Answer: _____

9.

Calculate the value of:

$$8 + 8 \times 8 - 8$$

Write the answer in the box below.   *(1 mark)*

Answer: _____

10.

Calculate the value of:

$$12 + 12 \times 12 - 12$$ *(1 mark)*

Write the answer in the box below.

Answer:_____

AQA

11.

Work out $15 + 35 \div 5$

[2 marks]

Answer _____

12.

Work out $40 - 5 \times 3$

[1 mark]

Answer _____

13.

Work out $36 - 5 \times 7$

[2 marks]

_____

_____

_____

_____

Answer _____

Calculator Questions

NCFE

1.

Andy is renovating his kitchen.

He uses this calculation to work out the estimated cost in pounds:

$$\frac{2160 \times 5^2}{2 \times 3}$$

What is the estimated cost?

[3 marks]

Your answer: £

Highfield

2.

$$K = \frac{4y}{x}$$

Calculate the value of K when y = 17.4 and x = 12

Write the answer in the box below. *(1 mark)*

Answer: _____

3.

$$R = \frac{2t}{s}$$

Calculate the value of R when t = 8.5 and s = 5

Write the answer in the box below. *(1 mark)*

Answer: _____