

Raider Tradez

I can multiply a whole number by 100.



The systems have crashed at Raider Tradez and unfortunately the invoices cannot be completed. Can you convert the cost of each item into pounds?

Make sure that you check the value carefully before converting each amount!

Item	Fire Opal Spear	Blue Gems	Topaz	Ruby	Diamond	Quartz
Bitcoin Value	3	50	25	63	75	22

1 Bitcoin = £100

Item	Calculation	Cost (£)
Fire Opal Spear		
Blue Gems		
Topaz		
Ruby		
Diamond		
Quartz		

Challenge:

Can you calculate the cost, in pounds, of 3 fire opal spears?

Raider Tradez Answers

I can multiply a whole number by 100.

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Item	Fire Opal Spear	Blue Gems	Topaz	Ruby	Diamond	Quartz
Bitcoin Value	3	50	25	63	75	22

1 Bitcoin = £100

Item	Calculation	Cost (£)
Fire Opal Spear	$3 \times 100 =$	£300
Blue Gems	$50 \times 100 =$	£5000
Topaz	$25 \times 100 =$	£2500
Ruby	$63 \times 100 =$	£6300
Diamond	$75 \times 100 =$	£7500
Quartz	$22 \times 100 =$	£2200

Challenge:

Can you calculate the cost, in pounds, of 3 fire opal spears?

$$3 \times 3 = 9$$

$$9 \times 100 = 900$$

$$= \text{£}900$$

Raider Tradez

I can multiply a whole number by 1000.



The systems have crashed at Raider Tradez and unfortunately the invoices cannot be completed. Can you calculate the total of each item and convert the cost into pounds?

Make sure that you check the values carefully before converting each amount!

Item	Fire Opal Spear	Blue Gems	Topaz	Ruby	Diamond	Quartz
Bitcoin Value	5	50	25	100	1000	200

1 Bitcoin = £1000

Item(s)	Value (Bitcoins)	Cost (£)
2 Fire Opal Spears		
4 Blue Gems		
2 Topaz		
5 Ruby		
10 Diamond		
12 Quartz		

Challenge:

Can you calculate the cost, in pounds, of 3 fire opal spears and 3 diamonds?

Raider Tradez Answers

I can multiply a whole number by 1000.

The systems have crashed at Raider Tradez and unfortunately the invoices cannot be completed. Can you calculate the total of each item and convert the cost into pounds?

Make sure that you check the values carefully before converting each amount!

Item	Fire Opal Spear	Blue Gems	Topaz	Ruby	Diamond	Quartz
Bitcoin Value	5	50	25	100	1000	200

1 Bitcoin = £1000

Item(s)	Value (Bitcoins)	Cost (£)
2 Fire Opal Spears	$(2 \times 5) \times 1000$	£10 000
4 Blue Gems	$(4 \times 50) \times 1000$	£200 000
2 Topaz	$(2 \times 25) \times 1000$	£50 000
5 Ruby	$(5 \times 100) \times 1000$	£500 000
10 Diamond	$(10 \times 1000) \times 1000$	£10 000 000
12 Quartz	$(200 \times 12) \times 1000$	£2 400 000

Challenge:

Can you calculate the cost, in pounds, of 3 fire opal spears and 3 diamonds?

$$3 \times 5 = 15$$

$$15 \times 1000 = \text{£15 000}$$

$$3 \times 1000 = 3000$$

$$3000 \times 1000 = \text{£3 000 000}$$

$$\text{£3 000 000} + \text{£15 000} = \text{£3 015 000}$$

Raider Tradez

I can multiply a whole number and a decimal number by 1000.



The systems have crashed at Raider Tradez and unfortunately the invoices cannot be completed. Can you calculate the total of each item and convert the cost into pounds?

Make sure that you check the values carefully before converting each amount!

Item	Quartz	Blue Gems	Topaz	Ruby	Diamond	Fire Opal Spear
Bitcoin Value	5.2	50.6	25.4	100	90	1200.2

1 Bitcoin = £1000

Item(s)	Value (Bitcoins)	Cost (£)
2 Quartz		
4 Blue Gems		
2 Topaz		
5 Ruby		
12 Diamond		
7 Fire Opal Spear		

Challenge:

One user paid £270 000 on diamonds. How many diamonds did they buy?

Raider Tradez Answers

I can multiply a whole number and a decimal number by 1000.

The systems have crashed at Raider Tradez and unfortunately the invoices cannot be completed. Can you calculate the total of each item and convert the cost into pounds?

Make sure that you check the values carefully before converting each amount!

Item	Quartz	Blue Gems	Topaz	Ruby	Diamond	Fire Opal Spear
Bitcoin Value	5.2	50.6	25.4	100	90	1200.2

1 Bitcoin = £1000

Item(s)	Value (Bitcoins)	Cost (£)
2 Quartz	$(5.2 \times 2 = 10.4) \times 1000$	£10 400
4 Blue Gems	$(4 \times 50.6 = 202.4) \times 1000$	£202 400
2 Topaz	$(25.4 \times 2 = 50.8) \times 1000$	£50 800
5 Ruby	$(100 \times 5 = 500) \times 1000$	£500 000
12 Diamond	$(12 \times 90 = 1080) \times 1000$	£1 080 000
7 Fire Opal Spear	$(1200.2 \times 7 = 8401.4) \times 1000$	£8 401 400

Challenge:

One user paid £270 000 on diamonds. How many diamonds did they buy?

$$\mathbf{£270\ 000 \div 1000 = 270\ \text{bitcoins}}$$

$$\mathbf{270 \div 90 = 3}$$

3 diamonds