Multiplication and Division Past Exam Questions

Questions

Q1.

Work out 23×15

....

(Total for question = 2 marks)

Q2.

Work out 342×24

....

(Total for Question is 3 marks)

Q3.

£42 is shared equally between 3 friends.

How much does each friend get?

£ ....

(Total for question = 2 marks)

Q4.

Work out 74×58

....

(Total for question = 2 marks)

Q5.

A piece of wire is 240 cm long

Peter cuts two 45 cm lengths off the wire.
He then cuts the rest of the wire into as many 40 cm lengths as possible.

Work out how many 40 cm lengths of wire Peter cuts.

....

(Total for question = 3 marks)

Q6.

Neil buys 30 pens, 30 pencils, 30 rulers and 30 pencil cases.

Price list	
pens	6 for 82p
pencils	15 for 45p
rulers	10 for £1.25
pencil cases	37p each

What is the total amount of money Neil spends?

£ ....

Q7.

Ellie makes hats.
She makes at least 17 hats per hour.
She is paid 46p for each hat she makes.

Reaze is a waiter.
He works 35 hours and is paid a total of £266

Show that Ellie's hourly rate of pay is more than Reaze's hourly rate of pay.

(Total for question = 3 marks)

Q8.

Complete this bill.

Jill's Wool Shop

Item	Number of items	Cost of one item	Total
Pattern	2	£2.85	£5.70
Button	16	£0.52	£.................
Balls of wool	....	£4.65	£37.20
		Total cost	£.................

(Total for Question is 3 marks)

Q9.

* Jamie and Lily are at college.

They want to buy some lockers for their common room.
They decide to do a sponsored walk to raise the money to buy the lockers.

Some people will give them money for each mile they walk.
Some people will give them a fixed amount of money.

Here are Jamie's and Lily's sponsor forms.

Jamie's Form		
Name	**Amount**	**Total**
Jane	£1 per mile	
Neil	£12	£12
Nasir	£2 per mile	
	Total	

Lily's Form		
Name	**Amount**	**Total**
Claire	£10	£10
Ben	£15	£15
John	£1 per mile	
Sam	£5	£5
	Total	

Jamie and Lily each walk 18 miles.
The lockers cost £108

Do Jamie and Lily get enough money to buy the lockers?
You must show your working.

Q10.

GCSEMathsRevision.com

*The table shows information about the cost of hiring a cement mixer from two companies.

Cost of hiring cement mixer			
Company	First day	Each extra day	Delivery and collection
Quick Mix	£13.50	£6.90	Free
Speedy Hire	£7.20	£7.20	£5.90

Chris wants to hire a cement mixer for 5 days.
He will hire the cement mixer from either Quick Mix or Speedy Hire.
Chris wants to pay the least amount of money.

Which company should he choose?
You must show all your working.

A machine fills bags with sweets.

There are 4275 sweets.
There are 28 sweets in each full bag.

The machine fills as many bags as possible.

How many sweets are left?

....

(Total for question = 3 marks)

Q12.

Jaroslav puts some items into his rucksack.

The table shows the weight of each item.

The rucksack has a weight of 275 g.

Work out the total weight of the rucksack and all the items.
Give your answer in kilograms.

Item	Weight
2 apples	120g each
2 bottles of water	524g each
camera	474g
map	86g
mobile phone	214g
umbrella	339g

.... kg

(Total for question = 3 marks)

Q13.

Jacqui wants to work out $3480 \div 5$

She knows that $3480 \div 10 = 348$

Jacqui writes $3480 \div 5 = 174$

    because $10 \div 5 = 2$
      and $348 \div 2 = 174$

What mistake did Jacqui make in her method?

(Total for question = 1 mark)