

8300

GCSE MATHEMATICS

Foundation tier – Questions by Topic

Number

Adding, subtracting, multiplying and dividing integers

v1.0

Name _____

Materials

For this paper you must have:

- Mathematical instruments



Information

- The marks for questions are shown in brackets

Advice

- In all calculations, show clearly how you work out your answer

Q1.

Work out $1152 + 476 - 139$

(Total 2 marks)

Q2.

Work out $7152 + 876 - 139$

(Total 2 marks)

Q3.

Work out 83×26

(Total 3 marks)

Q4.

Work out 76×24

(Total 3 marks)

Q5.

Circle the answer to $150 \div 5$
3 30 300 3000

(Total 1 mark)

Q6.

Work out $(43 \times 8) - (234 \div 6)$

(Total 3 marks)

Q7.

(a) Work out $9174 \div 11$

(2)

(b) Work out $\frac{5}{6} + \frac{3}{7}$

Give your answer as a mixed number.

(3)

(Total 5 marks)

Q8.

(a) Work out $387 + 849$

(1)

(b) Work out $112 - 45$

(1)

(c) Work out $104 \div 8$

(1)

(d) Work out 93×67

(3)

(Total 6 marks)

Q9.

Write a number in each box to make the calculation correct.

(a)

$$\boxed{} + 28 = 45$$

(1)

(b)

$$100 - \boxed{} = 45$$

(1)

(c)

$$5 \times \boxed{} = 45$$

(1)

(d)

$$\boxed{} \div 4 = 45$$

(1)

(Total 4 marks)

Q10.

Work out $280 \div 7$

(Total 1 mark)

Q11.

Pavel uses his calculator to work out 352×7268

Circle the **last** digit in the answer.

0 2 6 8

(Total 1 mark)

Q12.

Work out $1062 - 438$

(Total 2 marks)

Q13.

Put the whole numbers 1 to 12 into the boxes to make the calculations correct.

Only use each number **once**.

$$\boxed{} + \boxed{} + \boxed{} = \boxed{7}$$

$$\boxed{} + \boxed{} + \boxed{} = \boxed{32}$$

$$\boxed{} + \boxed{} + \boxed{} = \boxed{15}$$

$$\boxed{} + \boxed{} + \boxed{} = \boxed{24}$$

(Total 3 marks)

Q14.

Work out $(43 \times 8) - (234 \div 6)$

(Total 3 marks)

Q15.

1 pound = 16 ounces

Work out the number of ounces in 3 pounds.

(Total 2 marks)

Q16.

68 students go on a school trip.

Each student will be given a bottle of water.

Bottles are available in packs of 10.

How many of these packs are needed?

(Total 3 marks)

Q17.

A small theatre has:

21 rows of seats

9 seats in each row

Adult tickets are £8 each.

Child tickets are £5 each.

The theatre has sold tickets for every seat.

The manager estimates that £1250 was raised from these tickets.

90 child tickets were sold.

Check whether the manager's estimate was close to the exact amount of money raised.

(Total 6 marks)

Q18.

90 drinks are to be provided for people attending a school fete.

A jug containing orange squash can fill 12 paper cups.

A jug containing coffee can fill 8 china cups.

63 people would like orange squash, while 27 people would prefer coffee.

What is the least number of jugs needed to provide everyone with their chosen drink?

(Total 4 marks)

Q19.

A travel company is taking some passengers on a trip.

They can use coaches or minibuses.

Each coach can carry 53 passengers.

Each minibus can carry 12 passengers.

The passengers going on the trip would exactly fill 3 coaches.

If the company uses only minibuses, how many will they need?

(Total 4 marks)