



- 1 Work out $96 \div 4$.

(1 mark)

$$9 \div 4 = 2 \text{ remainder } 1$$

$$16 \div 4 = 4$$

24

- 2 Work out $156 \div 6$.

(1 mark)

$$15 \div 6 = 2 \text{ remainder } 3$$

$$36 \div 6 = 6$$

26

- 3 Four friends win a prize of £59.40
They share the prize equally.
Work out how much each friend receives.

(2 marks)

Divide £59.40 by 4

$$59.40 \div 4$$

$$4 \times 14 = 56, \text{ remainder } 3.40$$

$$3.40 \div 4 = 0.85, \text{ so each friend receives } \pounds 14.85$$

£14.85

- 4 Work out $635 \div 5$.

(2 marks)

$$6 \div 5 = 1 \text{ remainder } 1$$

$$13 \div 5 = 2 \text{ remainder } 3$$

$$35 \div 5 = 7$$

127

- 5 Work out $487 \div 6$.
Give your answer with a remainder.

(2 marks)

$$48 \div 6 = 8$$

$$7 \div 6 = 1 \text{ remainder } 1$$

$$\text{check: } 81 \times 6 = 486, 486 + 1 = 487$$

81 remainder 1

- 6 Work out $15.6 \div 4$.

(2 marks)

$$15 \div 4 = 3 \text{ remainder } 3$$

$$36 \div 4 = 9$$

$$\text{check: } 3.9 \times 4 = 15.6$$

3.9

- 7 Four friends buy a pizza for £18.40 and drinks for £7.60. They share the total cost equally.
Work out how much each friend pays.

(3 marks)

$$18.40 + 7.60 = 26.00$$

$$26 \div 4 = 6.5$$

£6.50

- 8 A wire is 200 cm long. Priya cuts it into pieces that are each 9 cm long.
Work out how many whole pieces she can cut and the length of wire left over.

(2 marks)

$$200 \div 9 = 22 \text{ remainder } 2$$

$$\text{check: } 22 \times 9 = 198$$

22 pieces, 2 cm left

- 9 A minibus can carry 8 students. 150 students are going on a trip.
Work out the smallest number of minibuses needed.

(2 marks)

$$150 \div 8 = 18 \text{ remainder } 6$$

6 students left over need a bus

$$18 + 1 = 19$$

19 minibuses

10

Priya works for 9 hours.

She is paid a total of £102.60

Priya is paid the same amount for each hour she works.

Work out how much Priya is paid per hour.

(2 marks)

Divide the total pay by the number of hours

$$102.60 \div 9 = 11.40$$

Priya is paid £11.40 per hour

£11.40

11

460 pupils are going on a school trip.

Each coach can carry 52 pupils.

Work out the smallest number of coaches needed for the trip.

(3 marks)

$$460 \div 52 = 8.84... \text{ so 8 coaches are not enough}$$

$$8 \times 52 = 416, \text{ which leaves } 460 - 416 = 44 \text{ pupils without a seat}$$

9 coaches are needed ($9 \times 52 = 468$ seats)

9