2.2-2 Four Operations (Worded): Practice Set 2: 10-minute Pack

GL ASSESSMENT GL-11PLUS-MATHS · Calculators not allowed · about 10 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 A stationery shop has 175 rulers in stock. It sells 96 rulers on a Tuesday. How many rulers were left in stock after Tuesday?

(1)

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2 A baker has made 145 cupcakes. She packs them into boxes that each hold 9 cupcakes.

(a) How many full boxes can she fill? **(1)**

.....

(b) How many cupcakes are left over once the full boxes are packed? **(1)**

.....

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3 A bottling plant fills 980 bottles of juice each day.

(a) Work out how many bottles the plant fills in a 6-day working week. **(2)**

.....

(b) The bottles filled in one day are packed into crates that each hold 20 bottles. Work out how many crates are needed for one day's production. **(1)**

.....

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4 A youth club is organising a trip for 263 members. Each minibus can seat a maximum of 29 people.

(a) Work out the least number of minibuses needed so that every member has a seat. **(2)**

.....

(b) How many empty seats will there be in total once all the minibuses are booked? **(1)**

.....

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5 A plumber charges a call-out fee of £38 plus £3.20 for each kilometre travelled.

(a) Mr Adeyemi's job is 45 km away. Calculate the total cost of the call-out. **(2)**

.....

(b) The total cost is shared equally between 3 housemates. Calculate how much each housemate pays, giving your answer to the nearest penny. **(2)**

.....

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Mark scheme · 2.2-2 Four Operations (Worded): Practice Set 2: 10-minute Pack

A correct answer earns full marks unless the question asks for working, a method, proof or explanation.

Question 1

79 cao	**B1**

Answer: 79 rulers

Question 2

(a) 16 cao	**B1**

(a) Answer: 16 boxes

(b) 1 ft from (a)	**B1**

(b) Answer: 1 cupcake

Question 3

(a) 980 x 6 seen, or equivalent complete method	**M1**
(a) 5880 cao	**A1**

(a) Answer: 5880 bottles

(b) 49 cao	**B1**

(b) Answer: 49 crates

Question 4

(a) 263 / 29 (= 9.06...) seen	**M1**
(a) 10 cao (rounded up, not truncated)	**A1**

(a) Answer: 10 minibuses

(b) 27 ft from (a)	**B1**

(b) Answer: 27 empty seats

Question 5

(a) 38 + 3.20 x 45 with a correct method for 3.20 x 45	**M1**
(a) £182.00 cao	**A1**

(a) Answer: £182.00

(b) 182.00 / 3, ft from (a)	**M1**
(b) £60.67 awrt	**A1**

(b) Answer: £60.67

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