10.3-7 Reasoning Practice Paper 7: 10-minute Pack

NATIONAL CURRICULUM KS2 National Curriculum Mathematics - Reasoning Practice Paper Framework · Calculators not allowed · about 10 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Work out 5064 - 2879. Show your method.

(2)

2 A minibus has 8 rows of seats. Each row holds 6 passengers. Work out the total number of seats on the minibus.

(2)

3 A school is taking 214 pupils on a trip. Each coach holds 36 seats. Coaches cost £185 each to hire for the day, plus a single £15 booking fee for the whole order.

(a) Work out the smallest number of coaches needed to take all 214 pupils. **(2)**

(b) Work out the total cost of hiring this number of coaches, including the booking fee. **(2)**

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Mark scheme · 10.3-7 Reasoning Practice Paper 7: 10-minute Pack

Question 1

correct column method with at least one exchange shown oe	M1
2185 cao	A1

Answer: **2185**

Question 2

8 x 6 oe	M1
48 cao	A1

Answer: **48 seats**

Question 3

(a) 214 / 36 = 5.9... (or 5 remainder 34) oe	M1
(a) 6 coaches cao	A1

(a) Answer: **6 coaches**

(b) 6 x 185 = 1110, ft their answer to part (a) oe	M1
(b) £1125 cao	A1

(b) Answer: **£1125**

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