4.3 Fractions: Equivalence, Ordering and Calculation: 10-minute Pack

NCETM National Curriculum (2014) Mathematics - KS2 Number: Fractions (Equivalence, Ordering and Calculation) · Calculators not allowed · about 10 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 There are 360 pupils at Hartfield Primary School. 5/8 of the pupils are girls. 2/3 of the girls walk to school.

(a) How many pupils are girls? **(1)**

.....

(b) How many girls do not walk to school? **(2)**

.....

2 The sum of two unit fractions is 7/12. One of the fractions is 1/3. Find the other fraction, giving your answer in its simplest form.

(2)

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3 Work out 3/4 divided by 6. Give your answer in its simplest form.

(2)

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4 1/2 divided by 6 =

Answer: ___

(2)

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Mark scheme · 4.3 Fractions: Equivalence, Ordering and Calculation: 10-minute Pack

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

Question 1

(a) 225 cao	**B1**
(a) Answer: **225**	
(b) number of girls who walk found, e.g. 225 x 2/3 = 150 (ft from part a)	**M1**
(b) 75 cao	**A1**
(b) Answer: **75**	

Question 2

correct common denominator method, e.g. 7/12 - 4/12	**M1**
1/4 cao	**A1**
Answer: **1/4**	

Question 3

3/24 oe seen	**M1**
1/8 cao	**A1**
Answer: **1/8**	

Question 4

method seen	**M1**
1/12 cao	**A1**
Answer: **1/12**	

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