4.6 Fractions and Decimal Equivalents: 10-minute Pack

Calculators not allowed · about 10 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 There are 100 squares in a grid. Sam colours 37 of them. What decimal shows the part Sam coloured?

(1)

2 Write these decimals in order, starting with the smallest.

3.4, 3.6, 3.1, 3.2

Answer: ___

(1)

3 Write these fractions in order, starting with the smallest.

9/20, 6/20, 1/5

Answer: ___

(2)

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4 Work out 3/5 - 3/10.

Give your answer in its simplest form.

Answer: ___

(2)

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5 Work out 1/2 of 14 m.

Answer: ___

(1)

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6 Which is larger, 0.7 or 7/10? Explain your answer in one sentence.

(2)

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Mark scheme · 4.6 Fractions and Decimal Equivalents: 10-minute Pack

Question 1

0.37 cao	**B1**

Answer: **0.37**

Question 2

3.1, 3.2, 3.4, 3.6 cao	**B1**

Answer: **3.1, 3.2, 3.4, 3.6**

Question 3

converts to a common denominator or decimals	**M1**
1/5, 6/20, 9/20 cao	**A1**

Answer: **1/5, 6/20, 9/20**

Question 4

converts to a common denominator	**M1**
3/10 cao	**A1**

Answer: **3/10**

Question 5

7 m cao	**B1**

Answer: **7 m**

Question 6

States they are equal or gives one as equal to the other (e.g. they are the same)	**B1**
Gives correct reason, e.g. 7/10 = 0.7 or both are 0.7 cao	**B1**

Answer: **They are equal because 7/10 = 0.7**

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