1.2 Number: Fractions, Decimals, Percentages: 10-minute Pack

Calculator allowed · about 10 minutes

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Write these values in order of size, starting with the smallest: 0.6, 3/4, 55%, 0.7

(2)

---

2 Convert 3/8 to a decimal.

(1)

---

3 Write 0.08 as a fraction in its simplest form.

(1)

---

4 Calculate the following percentages of amounts.

(a) A charity raises £340 at a fun run. 15% of this is set aside for admin costs. Calculate the amount set aside for admin costs. **(2)**

(b) A hiking route is 65 km long. 8% of the route is uphill. Calculate the length of the uphill section, giving your answer in km. **(2)**

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Mark scheme · 1.2 Number: Fractions, Decimals, Percentages: 10-minute Pack

Question 1

all four values correctly written as decimals: 0.6, 0.75, 0.55, 0.7 oe	M1
correct order cao	A1

Answer: **55%, 0.6, 0.7, 3/4**

Question 2

0.375 cao	B1

Answer: **0.375**

Question 3

2/25 cao	B1

Answer: **2/25**

Question 4

(a) 10% = 34 and 5% = 17, or 340 x 0.15 oe	M1
(a) 51 (pounds) cao	A1

(a) Answer: **£51**

(b) 65 x 0.08 oe	M1
(b) 5.2 (km) cao	A1

(b) Answer: **5.2 km**

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