4.8 Decimals and Percentages (Year 5): 30-minute Pack

Calculators not allowed · about 30 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Each lap is 7.4 km. Priya runs 5 laps. How far does Priya run?

Answer: ___ km

(2)

2 A bag weighs 6.9 kg. How many kg are there in 6 bags?

Answer: ___ kg

(2)

3 A lolly costs £7.88 and a kite costs £19.10.

What is the total cost of the two items?

Answer: £___

(1)

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4 Poppy pays a deposit of 20% on a bag that costs £40. The rest is paid later.

How much is paid later?

Answer: £___

(3)

---

5 41.01 - 3.32 =

Answer: ___

(1)

---

6 What decimal is made from 1 ones, 8 tenths, 1 hundredths and 1 thousandths?

Answer: ___

(1)

---

7 Write 0.6 as a fraction in its simplest form.

Answer: ___

(2)

---

8 Round 16.55 to the nearest whole number.

Answer: ___

(1)

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9 Write these in order, smallest first.

1/5, 30%, 0.65

Answer: ___

(2)

---

10 Round 433.44 to the nearest whole number.

Answer: ___

(1)

---

11 Write these decimals in order, starting with the largest.

1.315, 0.980, 1.257, 1.331

Answer: ___

(1)

---

12 Write 1/10 as a percentage.

Answer: ___ %

(2)

---

13 52.99 - 0.38 =

Answer: ___

(1)

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14 14.96 - 9.98 =

Answer: ___

(1)

---

15 Sami says that 0.2 is the same as 20% and 1/5. Explain why Sami is correct.

(2)

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16 How many hundredths are in 0.95?

Answer: ___

(1)

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Mark scheme · 4.8 Decimals and Percentages (Year 5): 30-minute Pack

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

Question 1

multiplication seen	M1
37 km cao	A1

Answer: **37 km**

Question 2

multiplication seen	M1
41.4 kg cao	A1

Answer: **41.4 kg**

Question 3

£26.98 cao	B1

Answer: **£26.98**

Question 4

deposit found	M1
subtraction	M1
£32 cao	A1

Answer: **£32**

Question 5

37.69 cao	B1

Answer: **37.69**

Question 6

1.811 cao	B1

Answer: **1.811**

Question 7

method seen	M1
3/5 cao	A1

Answer: **3/5**

Question 8

17 cao	B1

Answer: **17**

Question 9

converts to a common form	M1
1/5, 30%, 0.65 cao	A1

Answer: **1/5, 30%, 0.65**

Question 10

433 cao	B1

Answer: **433**

Question 11

1.331, 1.315, 1.257, 0.980 cao	B1

Answer: **1.331, 1.315, 1.257, 0.980**

Question 12

method seen	M1
10% cao	A1

Answer: **10%**

Question 13

52.61 cao	B1

Answer: **52.61**

Question 14

4.98 cao	B1

Answer: **4.98**

Question 15

Shows 0.2 = 2/10 or 20/100 or converts 1/5 to 0.2	M1
Concludes equivalence e.g. 0.2 = 20% = 1/5 cao	B1

Answer: **0.2 = 1/5 = 20%**

Question 16

95 cao	B1

Answer: **95**

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