2.81 Scaling Recipes and Quantities by Ratio: 1-hour Pack

Total Marks

GL ASSESSMENT GL-11PLUS-MATHS · Calculators not allowed · about 60 minutes

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Amara mixes paint using red and white in the ratio 1:7. Amara uses 3 ml of red. How much white does Amara use?

- ☐ A) 24 ml
- ☐ B) 9 ml
- ☐ C) 22 ml
- ☐ D) 21 ml
- ☐ E) 3 ml

---

2 A recipe for muffin mix serves 12 people and uses 240 g of sugar. Amara wants to make it for 7 people. How much sugar is needed?

- ☐ A) 140 g
- ☐ B) 1,680 g
- ☐ C) 235 g
- ☐ D) 141 g
- ☐ E) 139 g

---

3 A recipe for muffin mix serves 6 people and uses 90 g of sugar. Tom wants to make it for 5 people. How much sugar is needed?

- ☐ A) 89 g
- ☐ B) -90 g
- ☐ C) 74 g
- ☐ D) 450 g
- ☐ E) 75 g

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4 Callum mixes a trail mix using nuts and raisins in the ratio 6:5. Callum uses 18 g of nuts. How much more nuts than raisins does Callum use?

- [ ] A) 33 g
- [ ] B) 90 g
- [ ] C) 17 g
- [ ] D) 3 g
- [ ] E) 4 g

---

5 A recipe for fruit punch serves 10 people and uses 500 ml of orange juice. Hamza wants to make it for 5 people. How much orange juice is needed?

- [ ] A) 2,500 ml
- [ ] B) 250 ml
- [ ] C) 251 ml
- [ ] D) 249 ml
- [ ] E) 495 ml

---

6 A recipe for fruit punch serves 6 people and uses 150 ml of orange juice. Lily wants to make it for 27 people. How much orange juice is needed?

- [ ] A) 171 ml
- [ ] B) 3,150 ml
- [ ] C) 675 ml
- [ ] D) 4,050 ml
- [ ] E) 25 ml

---

7 Harry mixes paint using red and white in the ratio 3:1. Harry uses 9 ml of red. How much white does Harry use?

- [ ] A) 9 ml
- [ ] B) 3 ml
- [ ] C) 6 ml
- [ ] D) 2 ml
- [ ] E) 7 ml

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8 A recipe for pancake batter serves 12 people. It uses 60 g of flour and 84 g of sugar. Kwame makes it for 13 people. What is the total mass of flour and sugar needed?

- ☐ A) 156 g
- ☐ B) 157 g
- ☐ C) 1,872 g
- ☐ D) 151 g
- ☐ E) 149 g

---

9 Niamh mixes a smoothie using banana and yogurt in the ratio 8:1. Niamh uses 48 g of banana. How much yogurt does Niamh use?

- ☐ A) 48 g
- ☐ B) 6 g
- ☐ C) 7 g
- ☐ D) 42 g
- ☐ E) 41 g

---

10 Ffion mixes compost using soil and sand in the ratio 1:5. Ffion uses 9 kg of soil. How much sand does Ffion use?

- ☐ A) 9 kg
- ☐ B) 13 kg
- ☐ C) 44 kg
- ☐ D) 45 kg
- ☐ E) 36 kg

---

11 A recipe for pancake batter serves 12 people. It uses 120 g of flour and 300 g of sugar. Poppy makes it for 27 people. What is the total mass of flour and sugar needed?

- ☐ A) 570 g
- ☐ B) 270 g
- ☐ C) 945 g
- ☐ D) 795 g
- ☐ E) 946 g

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12 Rhys mixes concrete using cement and sand in the ratio 5:6. Rhys uses 45 kg of cement. How much sand does Rhys use?

- [ ] A) 270 kg
- [ ] B) 46 kg
- [ ] C) 55 kg
- [ ] D) 54 kg
- [ ] E) 9 kg

---

13 A recipe for lemonade serves 2 people and uses 20 ml of water. Grace wants to make it for 12 people. How much water is needed?

- [ ] A) 240 ml
- [ ] B) 30 ml
- [ ] C) 121 ml
- [ ] D) 119 ml
- [ ] E) 120 ml

---

14 Megan mixes paint using red and white in the ratio 5:7. Megan uses 50 ml of red. How much paint does Megan make altogether?

- [ ] A) 10 ml
- [ ] B) 120 ml
- [ ] C) 121 ml
- [ ] D) 52 ml
- [ ] E) 350 ml

---

15 Yusuf mixes compost using soil and sand in the ratio 3:7. Yusuf uses 30 kg of soil. How much sand does Yusuf use?

- [ ] A) 210 kg
- [ ] B) 40 kg
- [ ] C) 71 kg
- [ ] D) 70 kg
- [ ] E) 34 kg

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16 A recipe for biscuit dough serves 10 people. It uses 100 g of butter and 110 g of sugar. Harry makes it for 4 people. What is the total mass of butter and sugar needed?

- [ ] A) 84 g
- [ ] B) 150 g
- [ ] C) 40 g
- [ ] D) 144 g
- [ ] E) 85 g

---

17 A recipe for rice pudding serves 4 people and uses 200 ml of milk. Rhys wants to make it for 19 people. How much milk is needed?

- [ ] A) 3,800 ml
- [ ] B) 951 ml
- [ ] C) 215 ml
- [ ] D) 3,000 ml
- [ ] E) 950 ml

---

18 Chloe mixes a trail mix using nuts and raisins in the ratio 1:8. Chloe uses 2 g of nuts. How much raisins does Chloe use?

- [ ] A) 9 g
- [ ] B) 2 g
- [ ] C) 14 g
- [ ] D) 16 g
- [ ] E) 15 g

---

19 A recipe for rice pudding serves 8 people and uses 160 ml of milk. Sana wants to make it for 26 people. How much milk is needed?

- [ ] A) 521 ml
- [ ] B) 20 ml
- [ ] C) 520 ml
- [ ] D) 178 ml
- [ ] E) 4,160 ml

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20 Jack mixes a smoothie using banana and yogurt in the ratio 4:3. Jack uses 40 g of banana. How much more banana than yogurt does Jack use?

- [ ] A) 39 g
- [ ] B) 10 g
- [ ] C) 120 g
- [ ] D) 70 g
- [ ] E) 11 g

---

21 A recipe for fruit punch serves 5 people and uses 150 ml of orange juice. Oliver wants to make it for 2 people. How much orange juice is needed?

- [ ] A) 60 ml
- [ ] B) 300 ml
- [ ] C) 61 ml
- [ ] D) -450 ml
- [ ] E) 147 ml

---

22 Sana mixes concrete using cement and sand in the ratio 8:3. Sana uses 80 kg of cement. How much sand does Sana use?

- [ ] A) 30 kg
- [ ] B) 240 kg
- [ ] C) 75 kg
- [ ] D) 10 kg
- [ ] E) 29 kg

---

23 A recipe for scone mix serves 2 people and uses 20 g of self-raising flour. Ewan wants to make it for 27 people. How much self-raising flour is needed?

- [ ] A) 45 g
- [ ] B) 540 g
- [ ] C) 269 g
- [ ] D) 270 g
- [ ] E) 500 g

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24 A recipe for lemonade serves 8 people and uses 160 ml of water. Isla wants to make it for 10 people. How much water is needed?

- [ ] A) 200 ml
- [ ] B) 162 ml
- [ ] C) 1,600 ml
- [ ] D) 20 ml
- [ ] E) 128 ml

---

25 A recipe for muffin mix serves 5 people and uses 100 g of sugar. Grace wants to make it for 19 people. How much sugar is needed?

- [ ] A) 1,900 g
- [ ] B) 380 g
- [ ] C) 379 g
- [ ] D) 114 g
- [ ] E) 20 g

---

26 Harry mixes compost using soil and sand in the ratio 4:9. Harry uses 16 kg of soil. How much sand does Harry use?

- [ ] A) 35 kg
- [ ] B) 144 kg
- [ ] C) 52 kg
- [ ] D) 21 kg
- [ ] E) 36 kg

---

27 A recipe for muffin mix serves 12 people. It uses 300 g of sugar and 264 g of sugar. Imogen makes it for 29 people. What is the total mass of sugar and sugar needed?

- [ ] A) 989 g
- [ ] B) 1,363 g
- [ ] C) 1,364 g
- [ ] D) 938 g
- [ ] E) 725 g

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28 Chloe mixes concrete using cement and sand in the ratio 5:6. Chloe uses 10 kg of cement. How much concrete does Chloe make altogether?

- [ ] A) 11 kg
- [ ] B) 60 kg
- [ ] C) 23 kg
- [ ] D) 12 kg
- [ ] E) 22 kg

---

29 A recipe for pancake batter serves 10 people and uses 250 g of flour. Grace wants to make it for 30 people. How much flour is needed?

- [ ] A) 5,000 g
- [ ] B) 7,500 g
- [ ] C) 750 g
- [ ] D) 270 g
- [ ] E) 25 g

---

30 Ravi mixes concrete using cement and sand in the ratio 3:4. Ravi uses 24 kg of cement. How much concrete does Ravi make altogether?

- [ ] A) 56 kg
- [ ] B) 57 kg
- [ ] C) 96 kg
- [ ] D) 25 kg
- [ ] E) 18 kg

---

31 Megan mixes squash using juice and water in the ratio 2:3. Megan uses 22 ml of juice. How much water does Megan use?

- [ ] A) 55 ml
- [ ] B) 32 ml
- [ ] C) 23 ml
- [ ] D) 33 ml
- [ ] E) 66 ml

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32 A recipe for scone mix serves 4 people and uses 200 g of self-raising flour. Arjun wants to make it for 28 people. How much self-raising flour is needed?

- [ ] A) 1,400 g
- [ ] B) 224 g
- [ ] C) 5,600 g
- [ ] D) 4,800 g
- [ ] E) 1,399 g

---

33 Ethan mixes paint using red and white in the ratio 1:5. Ethan uses 4 ml of red. How much more white than red does Ethan use?

- [ ] A) 24 ml
- [ ] B) 8 ml
- [ ] C) 16 ml
- [ ] D) 20 ml
- [ ] E) 17 ml

---

34 Harry mixes a smoothie using banana and yogurt in the ratio 6:5. Harry uses 24 g of banana. How much yogurt does Harry use?

- [ ] A) 21 g
- [ ] B) 20 g
- [ ] C) 120 g
- [ ] D) 23 g
- [ ] E) 4 g

---

35 A recipe for scone mix serves 4 people. It uses 20 g of self-raising flour and 28 g of sugar. Zainab makes it for 26 people. What is the total mass of self-raising flour and sugar needed?

- [ ] A) 158 g
- [ ] B) 130 g
- [ ] C) 202 g
- [ ] D) 313 g
- [ ] E) 312 g

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36 Callum mixes compost using soil and sand in the ratio 1:8. Callum uses 3 kg of soil. How much sand does Callum use?

- [ ] A) 21 kg
- [ ] B) 24 kg
- [ ] C) 10 kg
- [ ] D) 3 kg
- [ ] E) 27 kg

---

37 A recipe for lemonade serves 5 people and uses 150 ml of water. Noah wants to make it for 9 people. How much water is needed?

- [ ] A) 270 ml
- [ ] B) 600 ml
- [ ] C) 269 ml
- [ ] D) 154 ml
- [ ] E) 1,350 ml

---

38 A recipe for rice pudding serves 10 people and uses 400 ml of milk. Fatima wants to make it for 30 people. How much milk is needed?

- [ ] A) 420 ml
- [ ] B) 12,000 ml
- [ ] C) 1,200 ml
- [ ] D) 40 ml
- [ ] E) 1,199 ml

---

39 Mei mixes compost using soil and sand in the ratio 5:1. Mei uses 25 kg of soil. How much compost does Mei make altogether?

- [ ] A) 21 kg
- [ ] B) 31 kg
- [ ] C) 29 kg
- [ ] D) 30 kg
- [ ] E) 25 kg

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40 A recipe for fruit punch serves 8 people and uses 200 ml of orange juice. Dylan wants to make it for 25 people. How much orange juice is needed?

- [ ] A) 25 ml
- [ ] B) 5,000 ml
- [ ] C) 626 ml
- [ ] D) 217 ml
- [ ] E) 625 ml

---

41 Poppy mixes squash using juice and water in the ratio 2:5. Poppy uses 4 ml of juice. How much water does Poppy use?

- [ ] A) 14 ml
- [ ] B) 7 ml
- [ ] C) 2 ml
- [ ] D) 10 ml
- [ ] E) 20 ml

---

42 A recipe for biscuit dough serves 10 people and uses 500 g of butter. Declan wants to make it for 22 people. How much butter is needed?

- [ ] A) 11,000 g
- [ ] B) 1,100 g
- [ ] C) 6,000 g
- [ ] D) 1,099 g
- [ ] E) 512 g

---

43 Ethan mixes concrete using cement and sand in the ratio 7:3. Ethan uses 56 kg of cement. How much sand does Ethan use?

- [ ] A) 168 kg
- [ ] B) 80 kg
- [ ] C) 24 kg
- [ ] D) 52 kg
- [ ] E) 8 kg

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44 A recipe for scone mix serves 4 people and uses 160 g of self-raising flour. Jack wants to make it for 5 people. How much self-raising flour is needed?

- [ ] A) 800 g
- [ ] B) 161 g
- [ ] C) 200 g
- [ ] D) 128 g
- [ ] E) 201 g

---

45 Chloe mixes concrete using cement and sand in the ratio 8:3. Chloe uses 32 kg of cement. How much sand does Chloe use?

- [ ] A) 12 kg
- [ ] B) 13 kg
- [ ] C) 27 kg
- [ ] D) 96 kg
- [ ] E) 4 kg

---

46 A recipe for fruit punch serves 2 people. It uses 40 g of orange juice and 52 g of sugar. Sana makes it for 18 people. What is the total mass of orange juice and sugar needed?

- [ ] A) 1,656 g
- [ ] B) 508 g
- [ ] C) 828 g
- [ ] D) 829 g
- [ ] E) 412 g

---

47 Ben mixes compost using soil and sand in the ratio 4:9. Ben uses 8 kg of soil. How much more sand than soil does Ben use?

- [ ] A) 26 kg
- [ ] B) 10 kg
- [ ] C) 13 kg
- [ ] D) 72 kg
- [ ] E) 18 kg

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48 A recipe for fruit punch serves 4 people and uses 200 ml of orange juice. Ravi wants to make it for 2 people. How much orange juice is needed?

- [ ] A) 198 ml
- [ ] B) 400 ml
- [ ] C) 50 ml
- [ ] D) 100 ml
- [ ] E) 101 ml

---

49 Callum mixes concrete using cement and sand in the ratio 8:9. Callum uses 48 kg of cement. How much more sand than cement does Callum use?

- [ ] A) 54 kg
- [ ] B) 432 kg
- [ ] C) 102 kg
- [ ] D) 49 kg
- [ ] E) 6 kg

---

50 A recipe for flapjack mix serves 4 people. It uses 60 g of oats and 384 g of sugar. Kwame makes it for 9 people. What is the total mass of oats and sugar needed?

- [ ] A) 999 g
- [ ] B) 135 g
- [ ] C) 519 g
- [ ] D) 924 g
- [ ] E) 1,000 g

---

51 Ravi mixes concrete using cement and sand in the ratio 1:4. Ravi uses 4 kg of cement. How much sand does Ravi use?

- [ ] A) 7 kg
- [ ] B) 16 kg
- [ ] C) 20 kg
- [ ] D) 17 kg
- [ ] E) 4 kg

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52 Kofi mixes a smoothie using banana and yogurt in the ratio 4:1. Kofi uses 8 g of banana. How much more banana than yogurt does Kofi use?

- [ ] A) 6 g
- [ ] B) 8 g
- [ ] C) 10 g
- [ ] D) 32 g
- [ ] E) 5 g

---

53 Maya mixes concrete using cement and sand in the ratio 3:7. Maya uses 9 kg of cement. How much sand does Maya use?

- [ ] A) 20 kg
- [ ] B) 63 kg
- [ ] C) 13 kg
- [ ] D) 21 kg
- [ ] E) 30 kg

---

54 A recipe for flapjack mix serves 6 people. It uses 60 g of oats and 66 g of sugar. Esme makes it for 30 people. What is the total mass of oats and sugar needed?

- [ ] A) 366 g
- [ ] B) 629 g
- [ ] C) 630 g
- [ ] D) 631 g
- [ ] E) 390 g

---

55 Ffion mixes paint using red and white in the ratio 1:2. Ffion uses 4 ml of red. How much white does Ffion use?

- [ ] A) 7 ml
- [ ] B) 9 ml
- [ ] C) 5 ml
- [ ] D) 8 ml
- [ ] E) 4 ml

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56 A recipe for scone mix serves 5 people and uses 75 g of self-raising flour. Tom wants to make it for 27 people. How much self-raising flour is needed?

- [ ] A) 404 g
- [ ] B) 406 g
- [ ] C) 97 g
- [ ] D) 405 g
- [ ] E) 2,025 g

---

57 Lily mixes a smoothie using banana and yogurt in the ratio 7:6. Lily uses 21 g of banana. How much yogurt does Lily use?

- [ ] A) 39 g
- [ ] B) 17 g
- [ ] C) 18 g
- [ ] D) 126 g
- [ ] E) 20 g

---

58 A recipe for lemonade serves 2 people and uses 100 ml of water. Tom wants to make it for 22 people. How much water is needed?

- [ ] A) 2,000 ml
- [ ] B) 1,100 ml
- [ ] C) 2,200 ml
- [ ] D) 120 ml
- [ ] E) 1,101 ml

---

59 A recipe for pasta sauce serves 6 people and uses 150 g of chopped tomatoes. Tom wants to make it for 14 people. How much chopped tomatoes is needed?

- [ ] A) 2,100 g
- [ ] B) 351 g
- [ ] C) 25 g
- [ ] D) 158 g
- [ ] E) 350 g

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60 Fatima mixes a smoothie using banana and yogurt in the ratio 8:7. Fatima uses 48 g of banana. How much more banana than yogurt does Fatima use?

- [ ] A) 42 g
- [ ] B) 5 g
- [ ] C) 336 g
- [ ] D) 6 g
- [ ] E) 47 g

---

61 A recipe for fruit punch serves 2 people and uses 100 ml of orange juice. Declan wants to make it for 10 people. How much orange juice is needed?

- [ ] A) 50 ml
- [ ] B) 1,000 ml
- [ ] C) 499 ml
- [ ] D) 108 ml
- [ ] E) 500 ml

---

62 Arjun mixes compost using soil and sand in the ratio 4:3. Arjun uses 8 kg of soil. How much sand does Arjun use?

- [ ] A) 5 kg
- [ ] B) 7 kg
- [ ] C) 6 kg
- [ ] D) 24 kg
- [ ] E) 2 kg

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63 A recipe for rice pudding serves 4 people and uses 20 ml of milk. Amara wants to make it for 3 people. How much milk is needed?

- [ ] A) 15 ml
- [ ] B) 19 ml
- [ ] C) -20 ml
- [ ] D) 16 ml
- [ ] E) 60 ml

---

64 A recipe for flapjack mix serves 6 people and uses 300 g of oats. Callum wants to make it for 12 people. How much oats is needed?

- [ ] A) 600 g
- [ ] B) 50 g
- [ ] C) 3,600 g
- [ ] D) 306 g
- [ ] E) 1,800 g

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Mark scheme · 2.81 Scaling Recipes and Quantities by Ratio: 1-hour Pack

Question 1

correct option D (21 ml) cao; 3 / 1 = 3 per part **B1**

Answer: D) 21 ml

Question 2

correct option A (140 g) cao; scale factor 7/12 applied to the amount **B1**

Answer: A) 140 g

Question 3

correct option E (75 g) cao; scale factor 5/6 applied to the amount **B1**

Answer: E) 75 g

Question 4

correct option D (3 g) cao; 18 / 6 = 3 per part **B1**

Answer: D) 3 g

Question 5

correct option B (250 ml) cao; scale factor 5/10 applied to the amount **B1**

Answer: B) 250 ml

Question 6

correct option C (675 ml) cao; scale factor 27/6 applied to the amount **B1**

Answer: C) 675 ml

Question 7

correct option B (3 ml) cao; 9 / 3 = 3 per part **B1**

Answer: B) 3 ml

Question 8

correct option A (156 g) cao; scale factor 13/12 applied to the amount **B1**

Answer: A) 156 g

Question 9

correct option B (6 g) cao; 48 / 8 = 6 per part **B1**

Answer: B) 6 g

Question 10

correct option D (45 kg) cao; 9 / 1 = 9 per part **B1**

Answer: D) 45 kg

Question 11

correct option C (945 g) cao; scale factor 27/12 applied to the amount **B1**

Answer: C) 945 g

Question 12

correct option D (54 kg) cao; 45 / 5 = 9 per part **B1**

Answer: D) 54 kg

Question 13

correct option E (120 ml) cao; scale factor 12/2 applied to the amount **B1**

Answer: E) 120 ml

Question 14

correct option B (120 ml) cao; 50 / 5 = 10 per part **B1**

Answer: B) 120 ml

Question 15

correct option D (70 kg) cao; 30 / 3 = 10 per part **B1**

Answer: D) 70 kg

Question 16

correct option A (84 g) cao; scale factor 4/10 applied to the amount **B1**

Answer: A) 84 g

Question 17

correct option E (950 ml) cao; scale factor 19/4 applied to the amount **B1**

Answer: E) 950 ml

Question 18

correct option D (16 g) cao; 2 / 1 = 2 per part **B1**

Answer: D) 16 g

Question 19

correct option C (520 ml) cao; scale factor 26/8 applied to the amount **B1**

Answer: C) 520 ml

Question 20

correct option B (10 g) cao; 40 / 4 = 10 per part **B1**

Answer: B) 10 g

Question 21

correct option A (60 ml) cao; scale factor 2/5 applied to the amount **B1**

Answer: A) 60 ml

Question 22

correct option A (30 kg) cao; 80 / 8 = 10 per part **B1**

Answer: A) 30 kg

Question 23

correct option D (270 g) cao; scale factor 27/2 applied to the amount **B1**

Answer: D) 270 g

Question 24

correct option A (200 ml) cao; scale factor 10/8 applied to the amount **B1**

Answer: A) 200 ml

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Question 25

correct option B (380 g) cao; scale factor 19/5 applied to the amount **B1**

Answer: B) 380 g

Question 26

correct option E (36 kg) cao; 16 / 4 = 4 per part **B1**

Answer: E) 36 kg

Question 27

correct option B (1,363 g) cao; scale factor 29/12 applied to the amount **B1**

Answer: B) 1,363 g

Question 28

correct option E (22 kg) cao; 10 / 5 = 2 per part **B1**

Answer: E) 22 kg

Question 29

correct option C (750 g) cao; scale factor 30/10 applied to the amount **B1**

Answer: C) 750 g

Question 30

correct option A (56 kg) cao; 24 / 3 = 8 per part **B1**

Answer: A) 56 kg

Question 31

correct option D (33 ml) cao; 22 / 2 = 11 per part **B1**

Answer: D) 33 ml

Question 32

correct option A (1,400 g) cao; scale factor 28/4 applied to the amount **B1**

Answer: A) 1,400 g

Question 33

correct option C (16 ml) cao; 4 / 1 = 4 per part **B1**

Answer: C) 16 ml

Question 34

correct option B (20 g) cao; 24 / 6 = 4 per part **B1**

Answer: B) 20 g

Question 35

correct option E (312 g) cao; scale factor 26/4 applied to the amount **B1**

Answer: E) 312 g

Question 36

correct option B (24 kg) cao; 3 / 1 = 3 per part **B1**

Answer: B) 24 kg

Question 37

correct option A (270 ml) cao; scale factor 9/5 applied to the amount **B1**

Answer: A) 270 ml

Question 38

correct option C (1,200 ml) cao; scale factor 30/10 applied to the amount **B1**

Answer: C) 1,200 ml

Question 39

correct option D (30 kg) cao; 25 / 5 = 5 per part **B1**

Answer: D) 30 kg

Question 40

correct option E (625 ml) cao; scale factor 25/8 applied to the amount **B1**

Answer: E) 625 ml

Question 41

correct option D (10 ml) cao; 4 / 2 = 2 per part **B1**

Answer: D) 10 ml

Question 42

correct option B (1,100 g) cao; scale factor 22/10 applied to the amount **B1**

Answer: B) 1,100 g

Question 43

correct option C (24 kg) cao; 56 / 7 = 8 per part **B1**

Answer: C) 24 kg

Question 44

correct option C (200 g) cao; scale factor 5/4 applied to the amount **B1**

Answer: C) 200 g

Question 45

correct option A (12 kg) cao; 32 / 8 = 4 per part **B1**

Answer: A) 12 kg

Question 46

correct option C (828 g) cao; scale factor 18/2 applied to the amount **B1**

Answer: C) 828 g

Question 47

correct option B (10 kg) cao; 8 / 4 = 2 per part **B1**

Answer: B) 10 kg

Question 48

correct option D (100 ml) cao; scale factor 2/4 applied to the amount **B1**

Answer: D) 100 ml

Question 49

correct option E (6 kg) cao; 48 / 8 = 6 per part **B1**

Answer: E) 6 kg

Question 50

correct option A (999 g) cao; scale factor 9/4 applied to the amount **B1**

Answer: A) 999 g

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Question 51

correct option B (16 kg) cao; 4 / 1 = 4 per part **B1**

Answer: B) 16 kg

Question 52

correct option A (6 g) cao; 8 / 4 = 2 per part **B1**

Answer: A) 6 g

Question 53

correct option D (21 kg) cao; 9 / 3 = 3 per part **B1**

Answer: D) 21 kg

Question 54

correct option C (630 g) cao; scale factor 30/6 applied to the amount **B1**

Answer: C) 630 g

Question 55

correct option D (8 ml) cao; 4 / 1 = 4 per part **B1**

Answer: D) 8 ml

Question 56

correct option D (405 g) cao; scale factor 27/5 applied to the amount **B1**

Answer: D) 405 g

Question 57

correct option C (18 g) cao; 21 / 7 = 3 per part **B1**

Answer: C) 18 g

Question 58

correct option B (1,100 ml) cao; scale factor 22/2 applied to the amount **B1**

Answer: B) 1,100 ml

Question 59

correct option E (350 g) cao; scale factor 14/6 applied to the amount **B1**

Answer: E) 350 g

Question 60

correct option D (6 g) cao; 48 / 8 = 6 per part **B1**

Answer: D) 6 g

Question 61

correct option E (500 ml) cao; scale factor 10/2 applied to the amount **B1**

Answer: E) 500 ml

Question 62

correct option C (6 kg) cao; 8 / 4 = 2 per part **B1**

Answer: C) 6 kg

Question 63

correct option A (15 ml) cao; scale factor 3/4 applied to the amount **B1**

Answer: A) 15 ml

Question 64

correct option A (600 g) cao; scale factor 12/6 applied to the amount **B1**

Answer: A) 600 g

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