2.3 Fractions: 1-hour Pack

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

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 6/7 = ?/56. What number replaces the question mark?

- ☐ A) 47
- ☐ B) 336
- ☐ C) 55
- ☐ D) 49
- ☐ E) 48

---

2 A ribbon is 5 2/5 m long. Oliver cuts off 2 3/4 m. How much ribbon is left?

- ☐ A) 2 8/9 m
- ☐ B) 3 13/20 m
- ☐ C) 2 13/20 m
- ☐ D) 4 3/20 m
- ☐ E) 3 1/5 m

---

3 Write 54/60 in its simplest form.

- ☐ A) 27/30
- ☐ B) 54/10
- ☐ C) 9/10
- ☐ D) 9/60
- ☐ E) 18/20

---

4 1/7 = ?/63. What number replaces the question mark?

- ☐ A) 8
- ☐ B) 57
- ☐ C) 10
- ☐ D) 9
- ☐ E) 63

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5 A ribbon is 2 1/2 m long. Isla cuts off 1 2/3 m. How much ribbon is left?

- [ ] A) 2 1/6 m
- [ ] B) 1 m
- [ ] C) 4/5 m
- [ ] D) 1 1/3 m
- [ ] E) 5/6 m

---

6 4/5 = ?/30. What number replaces the question mark?

- [ ] A) 24
- [ ] B) 29
- [ ] C) 25
- [ ] D) 120
- [ ] E) 26

---

7 A ribbon is 4 7/10 m long. Grace cuts off 1 1/3 m. How much ribbon is left?

- [ ] A) 3 11/30 m
- [ ] B) 3 6/13 m
- [ ] C) 4 11/30 m
- [ ] D) 3 3/5 m
- [ ] E) 4 1/30 m

---

8 Write 16/40 in its simplest form.

- [ ] A) 8/20
- [ ] B) 2/5
- [ ] C) 5/2
- [ ] D) 8/32
- [ ] E) 16/5

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9 Imogen walks 5 1/4 km before lunch and 1 2/5 km after lunch. How far does Imogen walk altogether?

- [ ] A) 6 1/3 km
- [ ] B) 7 13/20 km
- [ ] C) 6 3/5 km
- [ ] D) 6 13/20 km
- [ ] E) 6 km

---

10 2/3 = ?/24. What number replaces the question mark?

- [ ] A) 17
- [ ] B) 48
- [ ] C) 22
- [ ] D) 23
- [ ] E) 16

---

11 Write 15/50 in its simplest form.

- [ ] A) 10/3
- [ ] B) 15/10
- [ ] C) 10/45
- [ ] D) 3/10
- [ ] E) 3/50

---

12 A ribbon is 4 1/4 m long. Sana cuts off 1 5/8 m. How much ribbon is left?

- [ ] A) 2 2/3 m
- [ ] B) 3 1/2 m
- [ ] C) 2 5/8 m
- [ ] D) 3 5/8 m
- [ ] E) 3 7/8 m

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13 7/9 = ?/27. What number replaces the question mark?

- [ ] A) 20
- [ ] B) 22
- [ ] C) 189
- [ ] D) 25
- [ ] E) 21

---

14 Aisha walks 2 1/2 km before lunch and 4 1/5 km after lunch. How far does Aisha walk altogether?

- [ ] A) 6 7/10 km
- [ ] B) 6 2/5 km
- [ ] C) 6 km
- [ ] D) 6 2/7 km
- [ ] E) 7 7/10 km

---

15 7/9 = ?/63. What number replaces the question mark?

- [ ] A) 48
- [ ] B) 49
- [ ] C) 61
- [ ] D) 441
- [ ] E) 7

---

16 Kofi walks 3 1/3 km before lunch and 1 2/3 km after lunch. How far does Kofi walk altogether?

- [ ] A) 3 2/3 km
- [ ] B) 4 1/2 km
- [ ] C) 6 km
- [ ] D) 4 km
- [ ] E) 5 km

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17 A ribbon is 4 1/2 m long. Poppy cuts off 2 2/3 m. How much ribbon is left?

- [ ] A) 2 m
- [ ] B) 1 5/6 m
- [ ] C) 2 5/6 m
- [ ] D) 2 1/3 m
- [ ] E) 1 4/5 m

---

18 7/9 = ?/81. What number replaces the question mark?

- [ ] A) 63
- [ ] B) 64
- [ ] C) 79
- [ ] D) 62
- [ ] E) 567

---

19 A ribbon is 5 4/5 m long. Callum cuts off 4 2/5 m. How much ribbon is left?

- [ ] A) 1 m
- [ ] B) 2 2/5 m
- [ ] C) 1 2/5 m
- [ ] D) 1 1/5 m
- [ ] E) 2 1/5 m

---

20 Write 84/91 in its simplest form.

- [ ] A) 77/84
- [ ] B) 12/13
- [ ] C) 12/91
- [ ] D) 84/13
- [ ] E) 13/12

---

21 A ribbon is 3 2/5 m long. Arjun cuts off 1 5/6 m. How much ribbon is left?

- [ ] A) 1 8/11 m
- [ ] B) 2 17/30 m
- [ ] C) 3 7/30 m
- [ ] D) 2 1/2 m
- [ ] E) 1 17/30 m

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22 Write 30/65 in its simplest form.

- [ ] A) 6/65
- [ ] B) 13/6
- [ ] C) 25/60
- [ ] D) 6/13
- [ ] E) 30/13

---

23 Sana walks 4 7/8 km before lunch and 1 3/4 km after lunch. How far does Sana walk altogether?

- [ ] A) 6 5/8 km
- [ ] B) 6 1/4 km
- [ ] C) 7 5/8 km
- [ ] D) 5 km
- [ ] E) 5 5/6 km

---

24 Write 24/27 in its simplest form.

- [ ] A) 9/8
- [ ] B) 24/9
- [ ] C) 8/9
- [ ] D) 8/27
- [ ] E) 21/24

---

25 Amara walks 2 1/3 km before lunch and 3 9/10 km after lunch. How far does Amara walk altogether?

- [ ] A) 7 7/30 km
- [ ] B) 5 10/13 km
- [ ] C) 4 13/30 km
- [ ] D) 6 7/30 km
- [ ] E) 6 km

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26 Write 18/63 in its simplest form.

- [ ] A) 9/54
- [ ] B) 2/7
- [ ] C) 2/63
- [ ] D) 6/21
- [ ] E) 7/2

---

27 A ribbon is 4 3/4 m long. Declan cuts off 3 1/3 m. How much ribbon is left?

- [ ] A) 1 1/2 m
- [ ] B) 1 2/7 m
- [ ] C) 1 m
- [ ] D) 2 1/12 m
- [ ] E) 1 5/12 m

---

28 Write 27/90 in its simplest form.

- [ ] A) 3/90
- [ ] B) 9/30
- [ ] C) 3/10
- [ ] D) 27/10
- [ ] E) 10/3

---

29 Imogen walks 5 4/5 km before lunch and 2 7/8 km after lunch. How far does Imogen walk altogether?

- [ ] A) 8 27/40 km
- [ ] B) 8 3/8 km
- [ ] C) 6 37/40 km
- [ ] D) 7 km
- [ ] E) 7 11/13 km

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30 Write 2/14 in its simplest form.

- [ ] A) 1/14
- [ ] B) 2/7
- [ ] C) 7/1
- [ ] D) 1/7
- [ ] E) 0/12

---

31 Ewan walks 1 1/3 km before lunch and 1 1/8 km after lunch. How far does Ewan walk altogether?

- [ ] A) 2 1/4 km
- [ ] B) 2 2/11 km
- [ ] C) 2 11/24 km
- [ ] D) 2 km
- [ ] E) 2 5/24 km

---

32 2/7 = ?/49. What number replaces the question mark?

- [ ] A) 14
- [ ] B) 44
- [ ] C) 43
- [ ] D) 98
- [ ] E) 7

---

33 Sienna walks 4 1/6 km before lunch and 1 1/3 km after lunch. How far does Sienna walk altogether?

- [ ] A) 5 2/9 km
- [ ] B) 5 1/2 km
- [ ] C) 4 5/6 km
- [ ] D) 5 1/3 km
- [ ] E) 5 km

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34 1/8 = ?/32. What number replaces the question mark?

- [ ] A) 5
- [ ] B) 3
- [ ] C) 25
- [ ] D) 32
- [ ] E) 4

---

35 Esme walks 4 1/2 km before lunch and 2 4/5 km after lunch. How far does Esme walk altogether?

- [ ] A) 7 km
- [ ] B) 7 3/10 km
- [ ] C) 8 3/10 km
- [ ] D) 6 5/7 km
- [ ] E) 5 7/10 km

---

36 3/4 = ?/8. What number replaces the question mark?

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

---

37 Oliver walks 5 1/8 km before lunch and 2 5/8 km after lunch. How far does Oliver walk altogether?

- [ ] A) 7 3/8 km
- [ ] B) 8 3/4 km
- [ ] C) 7 km
- [ ] D) 6 1/2 km
- [ ] E) 7 3/4 km

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38 Declan walks 4 1/4 km before lunch and 1 1/3 km after lunch. How far does Declan walk altogether?

- [ ] A) 5 2/7 km
- [ ] B) 5 1/2 km
- [ ] C) 5 7/12 km
- [ ] D) 5 km
- [ ] E) 6 7/12 km

---

39 Write 108/132 in its simplest form.

- [ ] A) 36/44
- [ ] B) 9/132
- [ ] C) 108/11
- [ ] D) 9/11
- [ ] E) 54/66

---

40 A ribbon is 3 2/3 m long. Jack cuts off 3 1/6 m. How much ribbon is left?

- [ ] A) 1 1/2 m
- [ ] B) 1/2 m
- [ ] C) 5/6 m
- [ ] D) 1/6 m
- [ ] E) 1/9 m

---

41 Write 4/26 in its simplest form.

- [ ] A) 2/13
- [ ] B) 2/24
- [ ] C) 4/13
- [ ] D) 2/26
- [ ] E) 13/2

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42 A ribbon is 4 1/5 m long. Dylan cuts off 3 3/10 m. How much ribbon is left?

- [ ] A) 1 9/10 m
- [ ] B) 13/15 m
- [ ] C) 1 1/2 m
- [ ] D) 1 1/5 m
- [ ] E) 9/10 m

---

43 1/6 = ?/18. What number replaces the question mark?

- [ ] A) 2
- [ ] B) 13
- [ ] C) 3
- [ ] D) 4
- [ ] E) 18

---

44 3/4 = ?/28. What number replaces the question mark?

- [ ] A) 20
- [ ] B) 21
- [ ] C) 27
- [ ] D) 84
- [ ] E) 7

---

45 A ribbon is 4 5/6 m long. Maya cuts off 4 1/5 m. How much ribbon is left?

- [ ] A) 2/3 m
- [ ] B) 1 19/30 m
- [ ] C) 4/11 m
- [ ] D) 1 1/30 m
- [ ] E) 19/30 m

---

46 Write 12/120 in its simplest form.

- [ ] A) 1/10
- [ ] B) 4/40
- [ ] C) 12/10
- [ ] D) 6/60
- [ ] E) 0/108

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47 A ribbon is 2 2/3 m long. Arjun cuts off 1 5/8 m. How much ribbon is left?

- [ ] A) 2 1/24 m
- [ ] B) 1 m
- [ ] C) 1 1/24 m
- [ ] D) 1 3/8 m
- [ ] E) 8/11 m

---

48 1/9 = ?/27. What number replaces the question mark?

- [ ] A) 19
- [ ] B) 27
- [ ] C) 2
- [ ] D) 4
- [ ] E) 3

---

49 Rhys walks 4 2/5 km before lunch and 3 1/2 km after lunch. How far does Rhys walk altogether?

- [ ] A) 7 9/10 km
- [ ] B) 7 km
- [ ] C) 7 3/5 km
- [ ] D) 7 3/7 km
- [ ] E) 8 9/10 km

---

50 Write 56/64 in its simplest form.

- [ ] A) 28/32
- [ ] B) 48/56
- [ ] C) 8/7
- [ ] D) 7/8
- [ ] E) 56/8

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51 A ribbon is 3 1/3 m long. Zainab cuts off 1 2/3 m. How much ribbon is left?

- [ ] A) 2 m
- [ ] B) 1 2/3 m
- [ ] C) 1 5/6 m
- [ ] D) 3 m
- [ ] E) 2 1/3 m

---

52 Write 42/48 in its simplest form.

- [ ] A) 42/8
- [ ] B) 21/24
- [ ] C) 7/8
- [ ] D) 14/16
- [ ] E) 8/7

---

53 Noah walks 5 4/5 km before lunch and 3 3/4 km after lunch. How far does Noah walk altogether?

- [ ] A) 9 11/20 km
- [ ] B) 8 km
- [ ] C) 9 2/5 km
- [ ] D) 8 1/20 km
- [ ] E) 8 7/9 km

---

54 5/9 = ?/63. What number replaces the question mark?

- [ ] A) 36
- [ ] B) 59
- [ ] C) 7
- [ ] D) 35
- [ ] E) 315

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55 Dylan walks 3 2/5 km before lunch and 1 1/2 km after lunch. How far does Dylan walk altogether?

- [ ] A) 5 9/10 km
- [ ] B) 3 9/10 km
- [ ] C) 4 9/10 km
- [ ] D) 4 3/7 km
- [ ] E) 4 3/5 km

---

56 5/6 = ?/42. What number replaces the question mark?

- [ ] A) 41
- [ ] B) 35
- [ ] C) 210
- [ ] D) 7
- [ ] E) 37

---

57 Leo walks 1 2/5 km before lunch and 4 1/2 km after lunch. How far does Leo walk altogether?

- [ ] A) 4 9/10 km
- [ ] B) 5 3/5 km
- [ ] C) 5 3/7 km
- [ ] D) 6 9/10 km
- [ ] E) 5 9/10 km

---

58 2/3 = ?/21. What number replaces the question mark?

- [ ] A) 20
- [ ] B) 19
- [ ] C) 42
- [ ] D) 7
- [ ] E) 14

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59 Write 45/99 in its simplest form.

- [ ] A) 11/5
- [ ] B) 45/11
- [ ] C) 15/33
- [ ] D) 5/11
- [ ] E) 5/99

---

60 Priya walks 2 1/5 km before lunch and 2 2/3 km after lunch. How far does Priya walk altogether?

- [ ] A) 4 3/5 km
- [ ] B) 4 13/15 km
- [ ] C) 4 km
- [ ] D) 3 8/15 km
- [ ] E) 4 3/8 km

---

61 5/9 = ?/81. What number replaces the question mark?

- [ ] A) 45
- [ ] B) 73
- [ ] C) 44
- [ ] D) 77
- [ ] E) 405

---

62 Kwame walks 5 1/2 km before lunch and 4 5/6 km after lunch. How far does Kwame walk altogether?

- [ ] A) 10 1/3 km
- [ ] B) 9 km
- [ ] C) 9 3/4 km
- [ ] D) 8 2/3 km
- [ ] E) 10 km

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63 Write 7/49 in its simplest form.

- [ ] A) 1/49
- [ ] B) 7/1
- [ ] C) 7/7
- [ ] D) 1/7
- [ ] E) 0/42

---

64 A ribbon is 4 1/3 m long. Amara cuts off 2 4/5 m. How much ribbon is left?

- [ ] A) 1 5/8 m
- [ ] B) 1 8/15 m
- [ ] C) 2 3/5 m
- [ ] D) 2 m
- [ ] E) 2 8/15 m

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Mark scheme · 2.3 Fractions: 1-hour Pack

Question 1

correct option E (48) cao **B1**

Answer: E) 48

Question 2

correct option C (2 13/20 m) cao **B1**

Answer: C) 2 13/20 m

Question 3

correct option C (9/10) cao **B1**

Answer: C) 9/10

Question 4

correct option D (9) cao **B1**

Answer: D) 9

Question 5

correct option E (5/6 m) cao **B1**

Answer: E) 5/6 m

Question 6

correct option A (24) cao **B1**

Answer: A) 24

Question 7

correct option A (3 11/30 m) cao **B1**

Answer: A) 3 11/30 m

Question 8

correct option B (2/5) cao **B1**

Answer: B) 2/5

Question 9

correct option D (6 13/20 km) cao **B1**

Answer: D) 6 13/20 km

Question 10

correct option E (16) cao **B1**

Answer: E) 16

Question 11

correct option D (3/10) cao **B1**

Answer: D) 3/10

Question 12

correct option C (2 5/8 m) cao **B1**

Answer: C) 2 5/8 m

Question 13

correct option E (21) cao **B1**

Answer: E) 21

Question 14

correct option A (6 7/10 km) cao **B1**

Answer: A) 6 7/10 km

Question 15

correct option B (49) cao **B1**

Answer: B) 49

Question 16

correct option E (5 km) cao **B1**

Answer: E) 5 km

Question 17

correct option B (1 5/6 m) cao **B1**

Answer: B) 1 5/6 m

Question 18

correct option A (63) cao **B1**

Answer: A) 63

Question 19

correct option C (1 2/5 m) cao **B1**

Answer: C) 1 2/5 m

Question 20

correct option B (12/13) cao **B1**

Answer: B) 12/13

Question 21

correct option E (1 17/30 m) cao **B1**

Answer: E) 1 17/30 m

Question 22

correct option D (6/13) cao **B1**

Answer: D) 6/13

Question 23

correct option A (6 5/8 km) cao **B1**

Answer: A) 6 5/8 km

Question 24

correct option C (8/9) cao **B1**

Answer: C) 8/9

Question 25

correct option D (6 7/30 km) cao **B1**

Answer: D) 6 7/30 km

Question 26

correct option B (2/7) cao **B1**

Answer: B) 2/7

Question 27

correct option E (1 5/12 m) cao **B1**

Answer: E) 1 5/12 m

Question 28

correct option C (3/10) cao **B1**

Answer: C) 3/10

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Question 29

correct option A (8 27/40 km) cao **B1**

Answer: A) 8 27/40 km

Question 30

correct option D (1/7) cao **B1**

Answer: D) 1/7

Question 31

correct option C (2 11/24 km) cao **B1**

Answer: C) 2 11/24 km

Question 32

correct option A (14) cao **B1**

Answer: A) 14

Question 33

correct option B (5 1/2 km) cao **B1**

Answer: B) 5 1/2 km

Question 34

correct option E (4) cao **B1**

Answer: E) 4

Question 35

correct option B (7 3/10 km) cao **B1**

Answer: B) 7 3/10 km

Question 36

correct option D (6) cao **B1**

Answer: D) 6

Question 37

correct option E (7 3/4 km) cao **B1**

Answer: E) 7 3/4 km

Question 38

correct option C (5 7/12 km) cao **B1**

Answer: C) 5 7/12 km

Question 39

correct option D (9/11) cao **B1**

Answer: D) 9/11

Question 40

correct option B (1/2 m) cao **B1**

Answer: B) 1/2 m

Question 41

correct option A (2/13) cao **B1**

Answer: A) 2/13

Question 42

correct option E (9/10 m) cao **B1**

Answer: E) 9/10 m

Question 43

correct option C (3) cao **B1**

Answer: C) 3

Question 44

correct option B (21) cao **B1**

Answer: B) 21

Question 45

correct option E (19/30 m) cao **B1**

Answer: E) 19/30 m

Question 46

correct option A (1/10) cao **B1**

Answer: A) 1/10

Question 47

correct option C (1 1/24 m) cao **B1**

Answer: C) 1 1/24 m

Question 48

correct option E (3) cao **B1**

Answer: E) 3

Question 49

correct option A (7 9/10 km) cao **B1**

Answer: A) 7 9/10 km

Question 50

correct option D (7/8) cao **B1**

Answer: D) 7/8

Question 51

correct option B (1 2/3 m) cao **B1**

Answer: B) 1 2/3 m

Question 52

correct option C (7/8) cao **B1**

Answer: C) 7/8

Question 53

correct option A (9 11/20 km) cao **B1**

Answer: A) 9 11/20 km

Question 54

correct option D (35) cao **B1**

Answer: D) 35

Question 55

correct option C (4 9/10 km) cao **B1**

Answer: C) 4 9/10 km

Question 56

correct option B (35) cao **B1**

Answer: B) 35

Question 57

correct option E (5 9/10 km) cao **B1**

Answer: E) 5 9/10 km

Question 58

correct option E (14) cao **B1**

Answer: E) 14

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Question 59

correct option D (5/11) cao **B1**

Answer: D) 5/11

Question 60

correct option B (4 13/15 km) cao **B1**

Answer: B) 4 13/15 km

Question 61

correct option A (45) cao **B1**

Answer: A) 45

Question 62

correct option A (10 1/3 km) cao **B1**

Answer: A) 10 1/3 km

Question 63

correct option D (1/7) cao **B1**

Answer: D) 1/7

Question 64

correct option B (1 8/15 m) cao **B1**

Answer: B) 1 8/15 m

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