

Math Answer Key: Weeks 21-24

Every answer for each worksheet, a sample thinking-box response, and a D/A/P/E scoring guide (Developing, Approaching, Proficient, Exemplary). Accept equivalent correct answers and any reasonable drawing.

m21-1 • Week 21 • Length Word Problems

CCSS-M 2.MD.B.5 • 4 scored items + Show your thinking

- | | |
|----------------------------|-------------------------------|
| 1. $14 - 6 = 8$; 8 inches | 3. $27 + 45 = 72$; 72 cm |
| 2. $18 - 9 = 9$; 9 cm | 4. $32 - 12 = 20$; 20 inches |

Show your thinking: *Kim's bar is drawn shorter than Ben's bar (20 units). The drawing shows the difference of 12.*

Scoring guide (2.MD.B.5): count correct answers out of 4; the thinking box is judged on clarity and completeness.
D (Developing): 0 to 1 correct • A (Approaching): 2 to 3 correct
P (Proficient): 4 to 3 correct • E (Exemplary): all 4 correct with a clear, complete thinking-box explanation

m21-2 • Week 21 • Add and Subtract Lengths: Drawings and Equations

CCSS-M 2.MD.B.5 • 7 scored items + Show your thinking

- | | |
|---|---------------------------|
| 1. Two bars (12 and 7); $12 + 7 = 19$; 19 cm | 5. 11 inches |
| 2. $48 - 30 = 18$; 18 cm | 6. 80 inches |
| 3. 40 inches | 7. $62 - 45 = 17$; 17 cm |
| 4. 36 cm | |

Show your thinking: *Any length word problem with a matching drawing and a correct answer.*

Scoring guide (2.MD.B.5): count correct answers out of 7; the thinking box is judged on clarity and completeness.
D (Developing): 0 to 3 correct • A (Approaching): 4 to 5 correct
P (Proficient): 6 to 6 correct • E (Exemplary): all 7 correct with a clear, complete thinking-box explanation

m22-1 • Week 22 • Number Lines to 100

CCSS-M 2.MD.B.6 • 6 scored items + Show your thinking

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|--|---------------|
| 1. 30, 60, 90 | 4. 43, 51, 58 |
| 2. 15, 35, 45 | 5. 65 |
| 3. Dots halfway between 20 and 30 (25), on 70, and halfway between 90 and 100 (95) | 6. 40 |

Show your thinking: *Equal spaces mean each jump is the same amount, so you can count and compare numbers correctly.*

Scoring guide (2.MD.B.6): count correct answers out of 6; the thinking box is judged on clarity and completeness.

D (Developing): 0 to 2 correct · A (Approaching): 3 to 4 correct

P (Proficient): 5 to 5 correct · E (Exemplary): all 6 correct with a clear, complete thinking-box explanation

m22-2 · Week 22 · Jump on the Number Line: Add and Subtract

CCSS-M 2.MD.B.6 · 6 scored items + Show your thinking

1. 70

2. 65

3. 38

4. 49

5. 76

6. $20 + 25 = 45$

Show your thinking: Start at 57, jump back 7 to 50, then jump back 1 more to 49.

Scoring guide (2.MD.B.6): count correct answers out of 6; the thinking box is judged on clarity and completeness.

D (Developing): 0 to 2 correct · A (Approaching): 3 to 4 correct

P (Proficient): 5 to 5 correct · E (Exemplary): all 6 correct with a clear, complete thinking-box explanation

m23-1 · Week 23 · Telling Time to 5 Minutes

CCSS-M 2.MD.C.7 · 8 scored items + Show your thinking

1. 3:00

2. 7:30

3. 1:15

4. 10:45

5. 4:05

6. 8:50

7. 11:20

8. 6:35

Show your thinking: The minute hand points to the 10. Counting by 5s from the 12: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50.

Scoring guide (2.MD.C.7): count correct answers out of 8; the thinking box is judged on clarity and completeness.

D (Developing): 0 to 3 correct · A (Approaching): 4 to 6 correct

P (Proficient): 7 to 7 correct · E (Exemplary): all 8 correct with a clear, complete thinking-box explanation

m23-2 · Week 23 · A.M., P.M., and Elapsed Time

CCSS-M 2.MD.C.7 · 11 scored items + Show your thinking

1. a.m.

2. p.m.

3. a.m.

4. p.m.

5. a.m.

6. p.m.

7. 4:00 p.m.

8. 10:45 a.m.

9. 1 hour 30 minutes

10. Hour hand between 2 and 3 (close to 3), minute hand on 9

11. Hour hand just past 9, minute hand on 2

Show your thinking: 12:00 p.m. is noon. P.M. starts at noon, and midnight is 12:00 a.m.

Scoring guide (2.MD.C.7): count correct answers out of 11; the thinking box is judged on clarity and completeness.

D (Developing): 0 to 4 correct · A (Approaching): 5 to 8 correct

P (Proficient): 9 to 10 correct · E (Exemplary): all 11 correct with a clear, complete thinking-box explanation

m24-1 · Week 24 · Counting Coins

CCSS-M 2.MD.C.8 · 8 scored items + Show your thinking

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|--------|--|
| 1. 41¢ | 5. 90¢ |
| 2. 60¢ | 6. 37¢ |
| 3. 31¢ | 7. Any correct set, for example 1 quarter + 1 nickel, or 3 dimes, or 6 nickels |
| 4. 38¢ | 8. 3 dimes = 30¢, 5 nickels = 25¢; 3 dimes is worth more |

Show your thinking: *For example: 2 quarters; 5 dimes; 1 quarter + 2 dimes + 1 nickel.*

Scoring guide (2.MD.C.8): count correct answers out of 8; the thinking box is judged on clarity and completeness.

D (Developing): 0 to 3 correct · A (Approaching): 4 to 6 correct

P (Proficient): 7 to 7 correct · E (Exemplary): all 8 correct with a clear, complete thinking-box explanation

m24-2 · Week 24 · Dollars and Cents Word Problems

CCSS-M 2.MD.C.8 · 8 scored items + Show your thinking

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|-----------|--|
| 1. 80¢ | 5. 44¢ |
| 2. 15¢ | 6. 20¢; Yes |
| 3. \$1.20 | 7. \$2 |
| 4. \$1 | 8. They are the same (4 quarters = 100¢ = \$1) |

Show your thinking: *4 quarters = \$1. 10 dimes = \$1.*

Scoring guide (2.MD.C.8): count correct answers out of 8; the thinking box is judged on clarity and completeness.

D (Developing): 0 to 3 correct · A (Approaching): 4 to 6 correct

P (Proficient): 7 to 7 correct · E (Exemplary): all 8 correct with a clear, complete thinking-box explanation