

METRIC



Length

Mass

Volume

Temperature

Time

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Answer Key

Length

Exercises

Card 1 Set 1

cm: 9 mm: 50

Card 2 Set 1

cm: 6 mm: 75

Card 3 Set 1

cm: 2.2 mm: 40

Card 4 Set 1

cm: 9.9 mm: 65

Card 5 Set 1

cm: 8.2 mm: 53

Card 6 Set 1

cm: 1 mm: 95

Card 7 Set 1

cm: 6.3 mm: 64

Card 8 Set 1

cm: 2.8 mm: 76

Card 9 Set 1

cm: 6.3 mm: 82

Card 10 Set 1

cm: 4.8 mm: 80

Card 1 Set 2

cm: 6.8 mm: 38

Card 2 Set 2

cm: 8.5 mm: 70

Card 3 Set 2

80 mm.

Card 4 Set 2

96 mm.

Card 5 Set 2

1.5 cm.

Card 6 Set 2

6.5 cm.

Card 7 Set 2

5.8 cm.

Card 8 Set 2

4.6 cm.

Card 9 Set 2

8.8 cm.

Card 10 Set 2

6.7 cm.

Card 1 Set 3

7.8 cm.

Card 2 Set 3

4.8 cm.

Card 3 Set 3

52 mm.

Card 4 Set 3

2.7 cm.

Card 5 Set 3

4.1 dm.

Card 6 Set 3

50 mm.

Card 7 Set 3

105 mm.

Card 8 Set 3

4.2 cm.

Card 1 Set 4

10

Card 2 Set 4

100

Card 3 Set 4

1000

Card 4 Set 4

10

Card 5 Set 4

1000

Card 6 Set 4

decimeter

Card 7 Set 4

5

Card 8 Set 4

one decimeter

Card 9 Set 4

one millimeter

Card 10 Set 4

one decimeter

Card 1 Set 5

one kilometer

Card 2 Set 5

one decimeter

Card 3 Set 5

1 decimeter

Card 4 Set 5

4 decimeters

Card 5 Set 5

30 millimeters

Card 6 Set 5

1 decimeter

Card 7 Set 5

40 millimeters

Card 8 Set 5

half meter

Card 9 Set 5

30 centimeters

Card 10 Set 5

4 meters

Card 1 Set 6

8 decimeters

Card 2 Set 6

3 decimeters

Card 3 Set 6

10

Card 4 Set 6

10

Card 5 Set 6

20

Card 6 Set 6

100

Card 7 Set 6

100

Card 8 Set 6

300

Card 9 Set 6

300

Card 10 Set 6

70

Card 11 Set 6

55

Card 12 Set 6

500

Explorations

Card 2 Set 3

Answers will vary
depending on coins
and country of origin

Temperature

Exercises

Card 1 Set 1

50 °C

Card 2 Set 1

100 °C

Card 3 Set 1

60 °C

Card 4 Set 1

80 °C

Card 5 Set 1

60 °C

Card 6 Set 1

40 °C

Card 7 Set 1

50 °C

Card 8 Set 1

110 °C

Card 9 Set 1

120 °C

Card 10 Set 1

80 °C

Card 11 Set 1

90 °C

Card 12 Set 1

30 °C

Card 13 Set 1

10 °C

Card 14 Set 1

20 °C

Card 15 Set 1

60 °C

Card 16 Set 1

55 °C

Card 1 Set 2

120 °C

Card 2 Set 2

100 °C

Card 3 Set 2

70 °C

Card 4 Set 2

10 °C

Card 5 Set 2

65 °C

Card 6 Set 2

55 °C

Card 7 Set 2

50 °C

Card 8 Set 2

35 °C

Card 9 Set 2

45 °C

Card 10 Set 2

65 °C

Card 11 Set 2

15 °C

Card 12 Set 2

60 °C

Card 13 Set 2

20 °C

Card 14 Set 2

30 °C

Card 15 Set 2

40 °C

Card 16 Set 2

70 °C.

Card 1 Set 3

33 °C

Card 2 Set 3

7 °C

Card 3 Set 3

5 °C

Card 4 Set 3

18 °C

Card 5 Set 3

13 °C

Card 6 Set 3

31 °C

Card 7 Set 3

-8 °C

Card 8 Set 3

26 °C

Card 9 Set 3

-5 °C

Card 10 Set 3

3 °C

Card 11 Set 3

25 °C

Card 12 Set 3

-1 °C

Card 13 Set 3

6 °C

Card 14 Set 3

-2 °C

Card 15 Set 3

22 °C

Card 16 Set 3

19 °C

Volume

Exercises Cups

Card 1 Set 1

125

Card 2 Set 1

answers vary

Card 3 Set 1

answers vary

Card 4 Set 1

rice

Card 5 Set 1

100 cc will feel heavier.

Card 6 Set 1

The beans

Card 1 Set 2

5

Card 2 Set 2

5 times

Card 3 Set 2

2 times

Card 4 Set 2

2.5 times

Card 5 Set 2

5

Card 6 Set 2

20

Card 7 Set 2

2

Card 8 Set 2

1.6 exact. Estimate:
1.5

Card 9 Set 2

4.2

Explorations Cups

Card 1 Set 3

3 cc.

Card 2 Set 3

equal

Card 3 Set 3

equal

Card 4 Set 3

20 cc.

Card 5 Set 3

200 cc.

Card 1 Set 4

equal

Card 2 Set 4

equal

Card 3 Set 4

three 1/2 of a liter

Card 4 Set 4

125 mL.

Card 5 Set 4

50 mL

Card 6 Set 4

250 mL.

Card 7 Set 4

125mL

Card 8 Set 4

149 cc.

Exercises Spoons

Card 1 Set 1

33.3

Card 2 Set 1

12

Card 3 Set 1

9 times

Card 4 Set 1

15

Card 5 Set 1

5

Card 6 Set 1

10

Card 7 Set 1

15

Card 8 Set 1

55 mL

Card 9 Set 1

19 mL

Card 10 Set 1

51 mL

Card 1 Set 2

25 mL spoon

Card 2 Set 2

5 mL spoon

Card 3 Set 2

25 mL

Card 4 Set 2

5 mL spoon

Card 5 Set 2

1 - 250 mL
2 - 50 mL

Card 6 Set 2

1 - 25 mL
1 - 15 mL

Card 7 Set 2

1 - 15 mL
1 - 5 mL

Card 8 Set 2

3 - 250 mL
1 - 125 mL
2 - 50 mL
1 - 5 mL

Card 9 Set 2

1 - 25 mL
1 - 5 mL

Card 10 Set 2

1 - 250 mL
1 - 15 mL
1 - 5 mL

Explorations Spoons

Card 1 Set 1

1 mL
2 mL
5 mL

Card 2 Set 1

5 mL
25 cc
equal

Card 3 Set 1

15 mL
equal
45 gr.

Card 4 Set 1

50 gr.
25 gr.
75 mL

Card 1 Set 2

50
2
18.75

Card 2 Set 2

2.4
16
7.5

Card 3 Set 2

45
15
19

Card 4 Set 2

23
24
7

Mass

Exercises

Card 1 Set 2

500

Card 2 Set 2

5

Card 3 Set 2

3

Card 4 Set 2

2

Card 5 Set 2

10

Card 6 Set 2

4

Card 7 Set 2

5

Card 8 Set 2

4

Card 9 Set 2

2

Card 10 Set 2

10

Time

Exercises

Card 1 Set 1

1. 3:00
2. 4:00
3. 6:00

Card 2 Set 1

1. 11:00
2. 12:00
3. 2:00

Card 3 Set 1

1. 7:00
2. 8:00
3. 12:00

Card 4 Set 1

1. 12:00
2. 1:00
3. 4:00

Card 5 Set 1

1. 5:00
2. 10:00
3. 6:00

Card 6 Set 1

1. 6:00
2. 10:00
3. 2:00

Card 7 Set 1

1. 5:00
2. 9:00
3. 10:00

Card 8 Set 1

1. 1:00
2. 10:00
3. 9:00

Card 1 Set 2

1. 12:30
2. 8:30
3. 1:30

Card 2 Set 2

1. 7:30
2. 9:30
3. 12:30

Card 3 Set 2

1. 11:45
2. 4:45
3. 1:45

Card 4 Set 2

1. 8:15
2. 4:15
3. 5:15

Card 5 Set 2

1. 1:15
2. 8:15
3. 10:15

Card 6 Set 2

1. 10:30
2. 12:30
3. 2:30

Card 7 Set 2

1. 7:45
2. 7:45
3. 5:45

Card 8 Set 2

1. 12:30
2. 2:30
3. 3:30

Card 1 Set 3

1. 8:25
2. 1:25
3. 10:25

Card 2 Set 3

1. 7:57
2. 3:57
3. 4:57

Card 3 Set 3

1. 6:51
2. 8:21
3. 10:31

Card 4 Set 3

1. 3:02
2. 9:14
3. 4:14

Card 5 Set 3

1. 7:01
2. 7:14
3. 8:06

Card 6 Set 3

1. 2:58
2. 6:01
3. 1:14

Card 7 Set 3

1. 4:46
2. 9:50
3. 2:22

Card 8 Set 3

1. 11:57
2. 5:21
3. 1:34

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