1. the owners of a business rented 4,506.23 square feet of space in an office building. They plan to use 281.6 square feet of the space for the kitchen. How many square feet of space are left?

A. 4,224.63 square feet

B. 4,385.43 square feet

C. 4,478.07 square feet

D. 4,225.17 square feet

4.4.A – adding & subtracting decimals - ps

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2. Hannah drew straight lines on her driveway with chalk. The table shows the lengths of the lines.

Line	Length (meters)
P	1.8
Q	4.05
R	7
S	7.75

What is the difference in meters between the length of Line S and the length of Line P?

A. 7.57 m

B. 5.95 m

C. 3.70 m

D. 6.15 m

4.4.A – adding & subtracting decimals - ps

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3. Sandy purchased 2 patio chairs that cost $57.65 each and a table that cost $146.22. What is the total cost of these items.

A. $203.87

B. $350.09

C. $140.42

D. $261.52

4.4.A – adding & subtracting decimals - ps

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4. Kristine has a $10 bill to spend at a book fair. She buys one book for $4.95, two bookmarks for $0.65 each, and a key chain for $1.85.   How much change should Kristine receive from her $10 bill?

A. $2.55

B. $2.10

C.$3.45

D.$1.90

4.4.A – adding & subtracting decimals - ps

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5. Isaiah got $20.00 for his birthday. The list shows the amount of money Isaiah spent on candy yesterday.

- $5.21 – Jelly Beans
- $3.87 – Lemon Drops
- $4.38 – Licorice

How much does Isaiah have left of his $20.00?

A. $6.54

B. $13.46

C. $8.74

D. $7.64

4.4.A – adding & subtracting decimals - ps

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6. Jana bought 1 hat and 2 skirts. The hat cost $28.53 and the skirts cost $15.88 each. What was the total cost in dollars and cents of the items Jana bought?

4.4.A – adding & subtracting decimals - ps

1	2	3	4	5	6
A	B	D	D	A	60.29

7	8	9	10	11	12
A	C	B	D	C	89.97

13	14	15	16	17	18
C	B	A	D	C	84.95

19	20	21	22	23	24
D	A	C	A	B	98.64

25	26	27	28	29	30
C	D	B	B	A	143.97

7. Abigail rented 5177.64 square feet of space for her pet store. She plans to use 241.18 square feet for tropical fish. How many square feet of space will she have left?

A. 4,936.46 square feet

B. 4,916,46 square feet

C. 4816.46 square feet

D. 5,418.82 square feet

8. Rachel has several pieces of yarn left over from different knitting projects.

Color	Length (meters)
Purple	7.02
Red	3.98
Yellow	2.9
Green	7.51

What is the difference in meters between the length of purple yarn she has left and the length of the yellow yarn she has left?

A. 4.02 m

B. 6.73 m

C. 4.12 m

D. 9.92 m

9. Lucas bought two blue-tooth speakers for 92.72 each and a new laptop for 863.77. What is the total cost of these items.

A. $956.49

B. $1049.21

C. $1820.26

D. $1912.98

10. Wally the Wizard has a $20 to spend at the Witch Supply Store. He buys 2 lizards for $3.75 each. He buys a can of cat food for $2.95, and a bottle of crocodile tears for $7.15. How much change should he get back from his $20 bill?

A. $6.15

B. $7.70

C. $0.55

D. $2.40

11. The locations and the lengths of the three longest tunnels in the world are listed.
- Gotthard Base Tunnel in Switzerland, 57.07 km
- Seikan Tunnel in Japan, 53.85 km
- Channel Tunnel between England and France, 50.45 km

What is the difference between the length of the Channel Tunnel and the length of the Gotthard Base Tunnel in kilometers?

A. 3.22 km

B. 7.62 km

C. 6.62 km

D. 7.42 km

12. Muscular Marvin bought two exercise mats and a barbell. The mats were $24.99 each and the barbell was $39.99. What was the total cost in dollars and cents of the items Marvin bought?

1	2	3	4	5	6
A	B	D	D	A	60.29

7	8	9	10	11	12
A	C	B	D	C	89.97

13	14	15	16	17	18
C	B	A	D	C	84.95

19	20	21	22	23	24
D	A	C	A	B	98.64

25	26	27	28	29	30
C	D	B	B	A	143.97

13. Aaron has saved up $7,682.21. He plans to spend $135.57 on some new clothes for work. How much will he have left?

A. $7,817.78

B. $6326.51

C. $7,546.64

D. $6326.21

14. The Super-fast Slug Club had a contest to see which slug can crawl the farthest in an hour.

Snail	Distance (meters)
Sammy	1.37
Sheila	2.84
Steve	3
Simone	2.5

What is the difference in meters between the distance Steve crawled and the distance Sammy crawled?

A. 1.64 m

B. 1.63 m

C. 2.07 m

D. 1.07 m

15. Paula bought two new alarm clocks for $40.25 each and a new printer for 166.46. What is the total cost of these items.

A. $246.96

B. $206.71

C. $413.42

D. $174.96

16. Carlotta the Cavity Queen has $15 to spend on candy. She buys 2 bags of lemon drops for $4.25 each. A chocolate bar for $1.35 and a lollipop for 0.75 cents. How much change should she get back from her $15?

A. $8.65

B. $5.15

C. $3.05

D. $4.40

17. Muscular Marvin has a goal of running 260 miles this week.
- On Monday, he ran 66.5 miles.
- On Tuesday, he ran 71.2 miles.
- On Wednesday, he ran 63.7.
How many miles does he need to run in the last three months of the year to meet his goal?

A. 63.3   C. 58.6

B. 66.1   D. 12.23

18. Fashionable Fiona bought a new hoodie and two new pairs of volleyball shorts. The hoodie was $34.97, and the shorts were $24.99 a pair. What was the total cost in dollars and cents of the items Fiona bought?

1	2	3	4	5	6
A	B	D	D	A	60.29

7	8	9	10	11	12
A	C	B	D	C	89.97

13	14	15	16	17	18
C	B	A	D	C	84.95

19	20	21	22	23	24
D	A	C	A	B	98.64

25	26	27	28	29	30
C	D	B	B	A	143.97

19. The deck of the cruise ship is 2608.48 square feet. If 709.52 square feet is a restaurant, how much is left?

A. 3,318 square feet

B. 2,537.53 square feet

C. 2,528.96 square feet

D. 1,898.96 square feet

20. Rachel has several pieces of yarn left over from different knitting projects.

Color	Length (meters)
Purple	7.02
Red	4
Yellow	2.9
Green	7.51

What is the difference in meters between the length of green yarn she has left and the length of red yarn she has left?

A. 3.51 m

B. 7.11 m

C. 7.47 m

D. 11.51 m

21. Griselda Gooch went to an art sale. She bought two paintings that cost $50.45 each and a sculpture that cost $217.85. How much did Griselda spend at the art sale?

A. $268.30

B. $486.15

C. $318.75

D. $228.75

22. Maureen has $30 to spend at the pet store. She buys a gerbil for $11.25, two bags of gerbil food for $6.45 each. Then she buys a chew toy that costs $5.35 for her dog Spike. How of her $30 will Maureen have left?

A. $0.50

B. $5.00

C. $6.95

D. $12.30

23. Deion has three dachshunds. Their names and body lengths in centimeters are listed.

- Oscar – 54.13 cm
- Otto – 53.92 cm
- Octavia – 63.24 cm

What is the difference between Oscar's length and Octavia's length in centimeters?

A. 57.83 cm

B. 9.11 cm

C. 9.32 cm

D. 0.21 km

24. Jada bought two new softball gloves and a new bat. The gloves were 37.98 each and the bat was 22.68. What was the total cost in dollars and cents of the items Jada bought?

Unit: 4th Decimals
Lesson: 4.4.A – Adding & Subtracting Decimals
Problem Set 4
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1	2	3	4	5	6
A	B	D	D	A	60.29

7	8	9	10	11	12
A	C	B	D	C	89.97

13	14	15	16	17	18
C	B	A	D	C	84.95

19	20	21	22	23	24
D	A	C	A	B	98.64

25	26	27	28	29	30
C	D	B	B	A	143.97

| 25. Wanda the Witch rented 6,773.12 square feet of space for the Witch Supply Store. She plans to use 830.35 square feet for her flying broom test area. How much space will be left for her other supplies?

A. 5,224.63 square feet

B. 5,385.43 square feet

C. 5,942.77 square feet

D. 5,225.17 square feet | 26. The Super-fast Slug Club had a contest to see which slug can crawl the farthest in an hour. | 27. Veronica bought two portable battery chargers for $52.83 each and a new flat screen TV for $409.95. What is the total cost of these items?

A. $105.66

B. $515.61

C. $462.78

D. $819.90 |

26. (table and question)

Slug	Distance (meters)
Sammy	1.37
Sheila	2.34
Steve	3
Simone	2.5

What is the difference in meters between distance Simone crawled and the distance Sheila crawled?

A. 2.09 m   C. 0.29 m

B. 2.27 m   D. 0.16 m

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28. Destiny had $15 to spend on school supplies. She spent $7.25 on a set of markers, $1.25 each on two glitter pens and $2.65 on a spiral notebook. How much money did she have left?

A. $2.55

B. $2.60

C. $5.25

D. $3.85

29. Carmen is a professional chili eater. To break his own record, he needs to eat 2.438 gallons of chili in 8 minutes in today's chili eating contest.

•In the first two minutes, he ate 0.658 gals.
•In the second two minutes, he ate 0.592 gals.
•In the third two minutes, he ate 0.633 gals.

How many more gallons of chili does Carmen need to eat in the last two minutes of the contest to break his record?

A. 0.555 gals   C. 1.188 gals

B. 1.088 gals   D. 0.617 gals

30. Jasmine bought two basketballs and a portable basketball goal. The basketballs cost $31.99 each and the goal cost $79.99. What was the total cost in dollars and cents of the items Jasmine bought?

1	2	3	4	5	6
A	B	D	D	A	60.29

7	8	9	10	11	12
A	C	B	D	C	89.97

13	14	15	16	17	18
C	B	A	D	C	84.95

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25	26	27	28	29	30
C	D	B	B	A	143.97