

# Dominoes

**Object of the game:** to have the fewest dominoes at the end of the game.

## To Play:

Shuffle the cards and put them in a stack with the question side up where everyone can reach them.

Turn one card over (with the domino side up) and put it in the middle of the playing area. This is the starter domino.

First player draws a card and answers the question. If correct, turn it over to play the domino. If incorrect put it back at the bottom of the stack, draw another until player gets one correct.

When correct turn over the card to play the domino. If either end matches one of the ends of the starter domino, place it end to end with the starter. If neither end matches it becomes part of that player's hand. The player can place it where they can easily see it for future rounds.

Then it is the next player's turn.

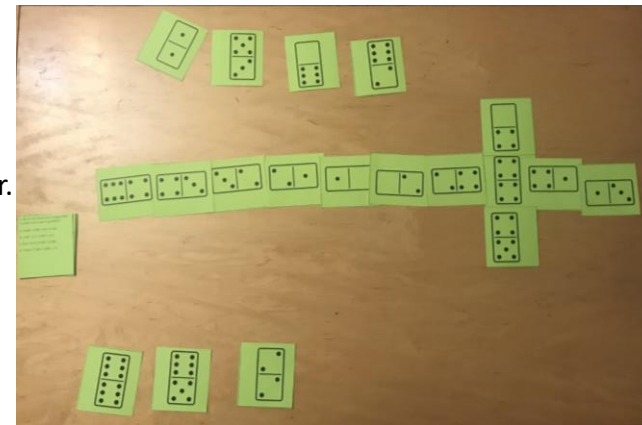
For all following rounds, players can either use one of the dominos from their "hand" or, if none of those matches, the player will draw another card and answer it. If that card matches one of the exposed ends of the dominos that have already been played, the player can play it. If not, it goes in the player's hand.

The game ends when all the dominos have been used and no one can play a domino.

To Win: The player with the fewest dominos in his/her hand when the game ends is the winner.

**Note:** Most times the dominoes will be played in a straight line, with the matching ends together.

However, if the domino is a double (the same on both ends), that domino can be laid crosswise. Players can play off of either end or the middle.



**Unit: 5th – Simplifying Expressions**

**Lesson: 5.4.F - Simplifying Expressions: Decimals - Word Problems**

**Dominos**

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1  D	2  A	3  A	4  C	5  D	6  A
7  C	8  B	9  C	10  B	11  A	12  B
13  A	14  C	15  D	16  D	17  B	18  C
19  A	20  D	21  A	22  \$52.50	23  \$50.75	24  D
25  C	26  B	27  D	28  \$92	29  \$18.50	30  A

1. Abigail bought dog food at the store.

- She bought 6 bags.
- Each bag cost \$10.95.
- Abigail used a coupon for \$4.50 off her total cost of the dog food.

The total cost in dollars that Abigail paid for these 6 bags of dog food can be represented by this expression

$$(6 \times 10.95) - 4.50$$

How much did Abigail pay for the dog food she bought?

A. \$65.70	B. \$38.70
C. \$16.45	D. \$61.20

5.4.F - Simplifying Expressions: Decimals - Word Problems - Dominos

2. Finn bought hamburgers for his team.

- He bought 9 burgers.
- Each burger cost \$6.35.
- Finn used a coupon for \$8.50 off the total cost of the burgers.

The total cost in dollars that Finn paid for the 9 burgers can be represented by this expression

$$(9 \times 6.35) - 8.50$$

How much did Finn pay for the 9 burgers?

A. \$48.65	B. \$57.15
C. \$70.15	D. \$65.65

5.4.F - Simplifying Expressions: Decimals - Word Problems - Dominos

3. What is the value of the expression shown?

$$4[4.5 - 2(1.2)]$$

- A. 8.4
- B. 15.6
- C. 12
- D. 19.2

5.4.F - Simplifying Expressions: Decimals - Word Problems - Dominos

4. Crystal bought items at a grocery store.

- She bought 2 boxes of crackers for \$3.50 each.
- She used a coupon for \$.80 off the price of each box of crackers.
- She bought a jar of peanut butter for \$4.85.
- She bought a package of juice boxes for \$2.40.
- She used a coupon for \$3.00 off the total price of the items she bought.

This expression can be used to determine the price of the items Crystal bought.

$$[2(3.50 - 0.80) + 4.85 + 2.40] - 3.00$$

What is the price of the items Crystal bought?

A. \$10.75	B. \$18.85
C. \$9.65	D. \$12.65

5.4.F - Simplifying Expressions: Decimals - Word Problems - Dominos

5. Jordyn bought items at a grocery store.

- She bought 2 gallons of milk for \$2.64 each.
- She used a coupon for \$.20 off the price of each gallon of milk.
- She bought a jar of picante sauce for \$3.48.
- She bought a package of cheese for \$7.48.
- She used a coupon for \$5.00 off the total price of the items she bought.

This expression can be used to determine the price of the items Jordyn bought.

$$[2(2.64 - 0.20) + 3.48 + 7.48] - 5.00$$

What is the price of the items Jordyn bought?

A. \$18.60	B. \$8.40
C. \$11.04	D. \$10.84

5.4.F - Simplifying Expressions: Decimals - Word Problems - Dominos

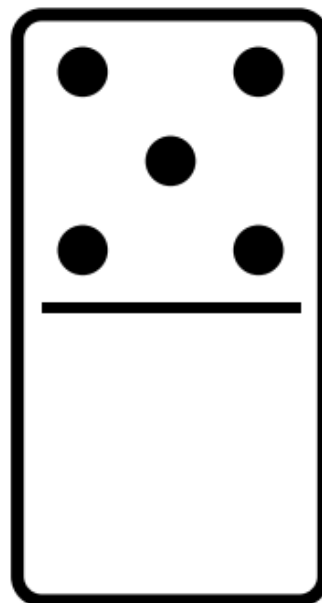
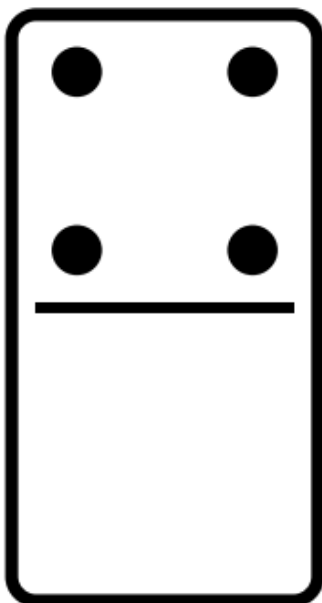
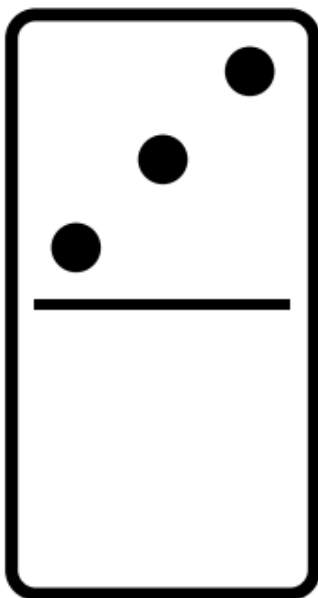
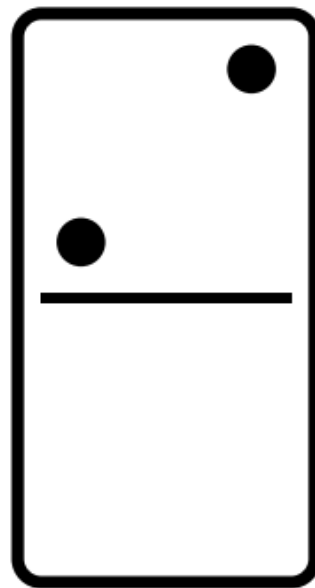
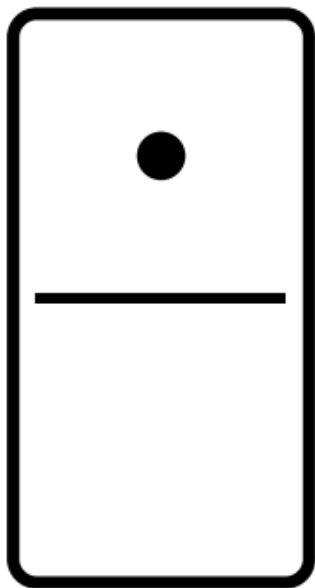
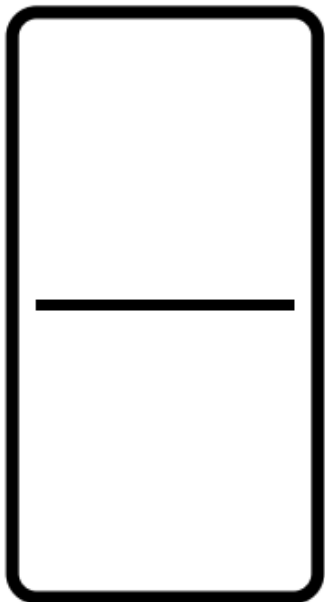
6. A chef used  $\frac{1}{4}$  cup of milk for one recipe. Then she used 2 cups of milk for each of 5 more recipes. The total number of cups of milk the chef used can be found by using this expression.

$$\frac{1}{4} + (2 \times 5)$$

How many cups of milk did the chef use?

- A.  $10\frac{1}{4}$  c
- B.  $11\frac{1}{4}$  c
- C.  $\frac{11}{4}$  c
- D.  $\frac{15}{4}$  c

5.4.F - Simplifying Expressions: Decimals - Word Problems - Dominos



7. Rebecca bought air filters at a store.

- She bought 8 air filters.
- Each air filter cost \$16.95.
- Rebecca used a coupon for \$7.50 off her total cost of the air filters.

The total cost in dollars that Rebecca paid for these 8 air filters can be represented by this expression

$$(8 \times 16.95) - 7.50$$

How much did Rebecca pay for these 8 air filters?

A. \$80.70	B. \$143.10
C. \$128.10	D. \$75.60

5.4.F - Simplifying Expressions: Decimals - Word Problems - Dominos

8. Dani bought cupcakes for a party.

- She bought 3 dozen.
- They cost \$12.35 per dozen.
- Dani had a discount that gave her \$10.50 off the total cost of her purchase.

The total cost in dollars that Dani paid for the three dozen cupcakes can be represented by this expression

$$(3 \times 12.35) - 10.50$$

How much did Dani pay for these cupcakes?

A. \$37.05	B. \$26.55
C. \$47.55	D. \$5.55

5.4.F - Simplifying Expressions: Decimals - Word Problems - Dominos

9. What is the value of the expression shown?

$$3[8.6 - 2(2.3)]$$

- A. 54.74
- B. 45.52
- C. 12
- D. 20

5.4.F - Simplifying Expressions: Decimals - Word Problems - Dominos

10. Nakita bought items at a grocery store.

- She bought 3 boxes of cereal for \$4.50 each.
- She used a coupon for \$0.60 off the price of each box of cereal.
- She bought some eggs for \$2.85.
- She bought a package of Cheez-dabs for \$6.40.
- She used a coupon for \$5.00 off the total price of the items she bought.

This expression can be used to determine the price of the items Nakita bought.

$$[3(4.50 - 0.60) + 2.85 + 6.40] - 5.00$$

What is the price of the items Nakita bought?

A. \$22.40	B. \$15.95
C. \$8.75	D. \$40.50

5.4.F - Simplifying Expressions: Decimals - Word Problems - Dominos

11. Kimber bought items at a grocery store.

- She bought 5 jars of pickles for \$1.98 each.
- She used a coupon for \$.15 off the price of each jar of pickles.
- She bought a loaf of bread for \$2.17.
- She bought a jar of mayonnaise for \$3.77.
- She used a coupon for \$3.50 off the total price of the items she bought.

This expression can be used to determine the price of the items Kimber bought.

$$[5(1.98 - 0.15) + 2.17 + 3.77] - 3.50$$

What is the price of the items Kimber bought?

A. \$11.59	B. \$51.94
C. \$12.19	D. \$18.59

5.4.F - Simplifying Expressions: Decimals - Word Problems - Dominos

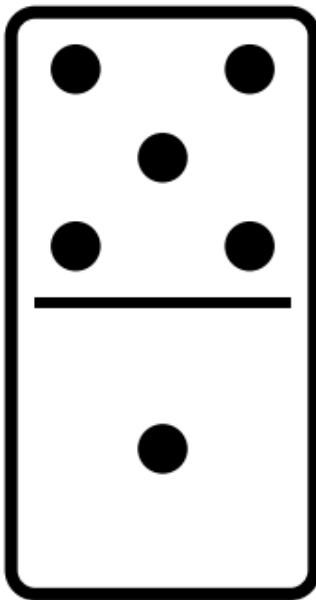
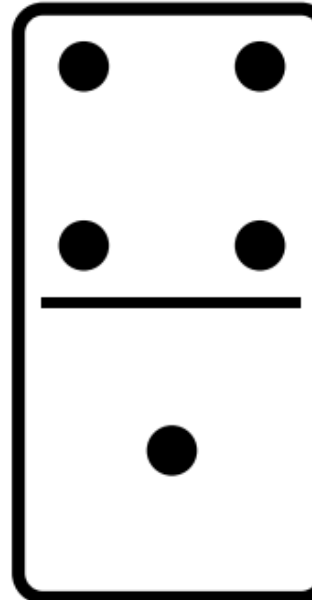
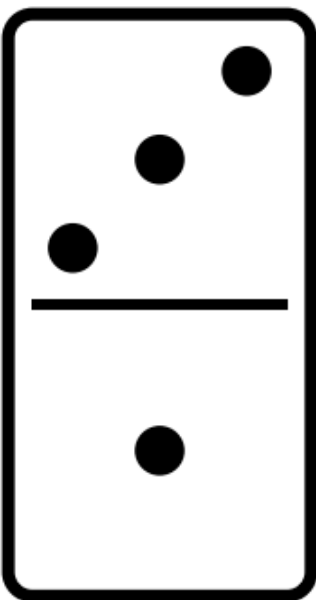
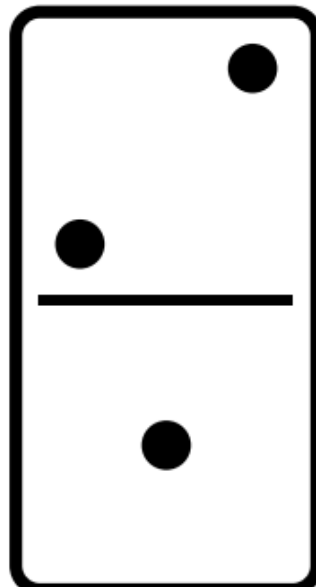
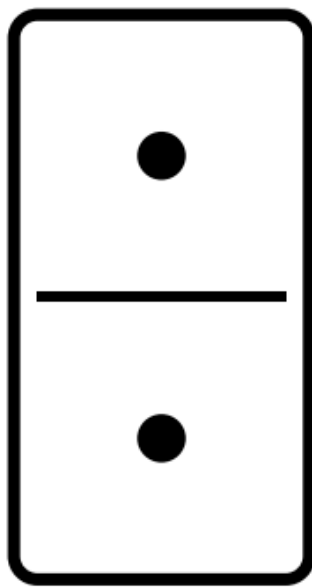
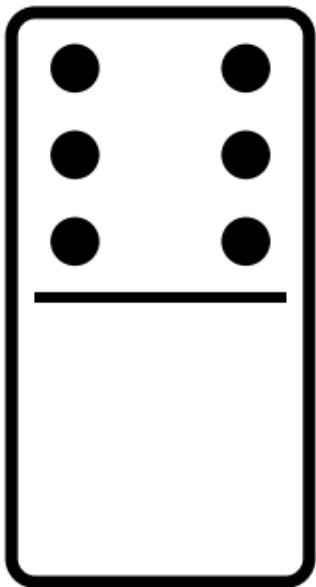
12. A baker used  $\frac{3}{4}$  of a stick of butter for one recipe. Then she used 6 sticks of butter for each of 4 more recipes. The total number of sticks of butter can be found by using this expression.

$$\frac{3}{4} + (6 \times 4)$$

How many sticks of butter did the baker use?

- A. 18 sticks of butter
- B.  $24\frac{3}{4}$  sticks of butter
- C.  $12\frac{1}{4}$  sticks of butter
- D.  $18\frac{1}{4}$  sticks of butter

5.4.F - Simplifying Expressions: Decimals - Word Problems - Dominos



13. Brooklyn went shopping for shoes for her children.

- She bought 4 pairs of shoes.
- Each pair cost \$21.50.
- Brooklyn used store rewards for \$15.00 off the total cost of the shoes.

The total cost in dollars that Brooklyn paid for the shoes she bought can be represented by this expression

$$(4 \times 21.50) - 15.00$$

How much did Brooklyn pay for the shoes for her children?

A. \$71.00	B. \$26.00
C. \$84.00	D. \$38.50

5.4.F - Simplifying Expressions: Decimals - Word Problems - Dominos

14. Gabriella bought some picture frames.

- She bought 30 picture frames.
- Each frame cost \$8.95.
- Gabriella used a coupon for \$12.75 off her total cost of the picture frames.

The total cost in dollars that Gabriella paid for these 30 picture frames can be represented by this expression

$$(30 \times 8.95) - 12.75$$

How much did Gabriella pay for these 30 picture frames?

A. \$268.50	B. \$51.70
C. \$255.75	C. \$281.25

5.4.F - Simplifying Expressions: Decimals - Word Problems - Dominos

15. What is the value of the expression shown?

$$4[6.5 - 3(1.5)]$$

- A. 34.50
- B. 21.50
- C. 28
- D. 8

5.4.F - Simplifying Expressions: Decimals - Word Problems - Dominos

16. Emma bought items at a grocery store.

- She bought 4 12-packs of soda for \$5.25 each.
- She used a coupon for \$.75 off the price of each 12-pack.
- She bought a bag of apples for \$3.96.
- She bought a bag of sugar for \$5.20.
- She used a coupon for \$8.50 off the total price of the items she bought.

This expression can be used to determine the price of the items Emma bought.

$$[4(5.25 - 0.75) + 3.96 + 5.20] - 8.50$$

What is the price of the items Emma bought?

A. \$21.66	B. \$27.16
C. \$47.41	D. \$18.66

5.4.F - Simplifying Expressions: Decimals - Word Problems - Dominos

17. Asher bought items at a grocery store.

- He bought 4 packages of hot dogs for \$2.62 each.
- He used a coupon for \$.20 off the price of each package of hot dogs.
- He bought a bottle of mustard for \$3.48.
- He bought paper plates for \$10.78.
- He used store rewards for \$7.00 off the total price of the items he bought.

This expression can be used to determine the price of the items Asher bought.

$$[4(2.62 - 0.20) + 3.48 + 10.78] - 7.00$$

What is the price of the items Asher bought?

A. \$24.08	B. \$16.94
C. \$23.94	D. \$17.54

5.4.F - Simplifying Expressions: Decimals - Word Problems - Dominos

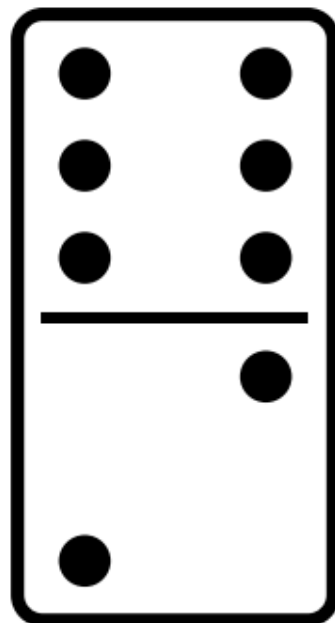
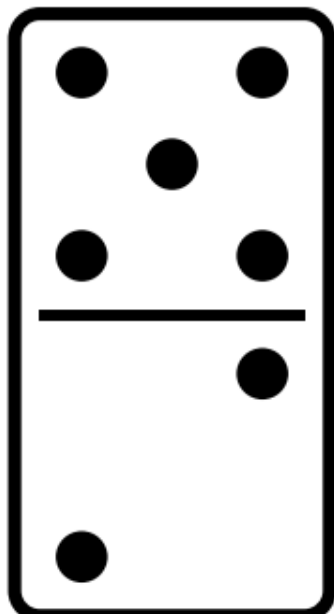
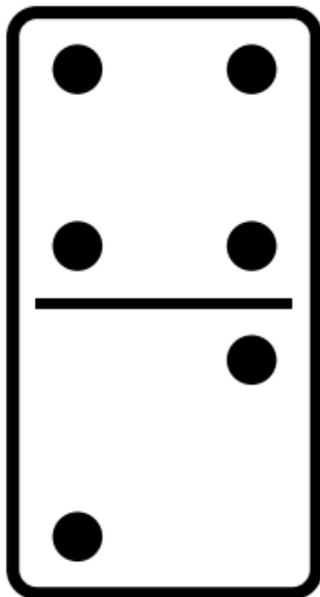
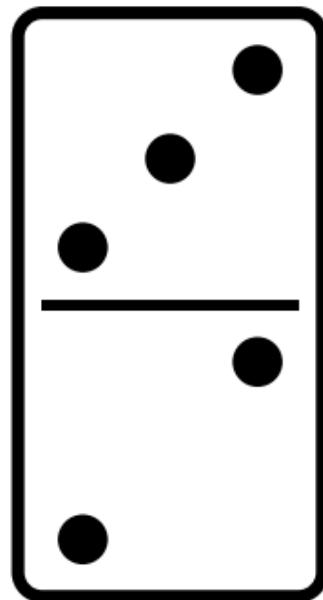
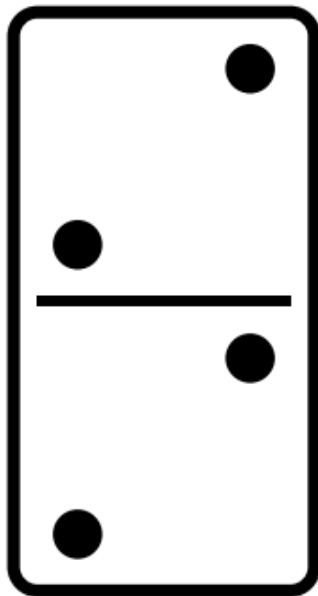
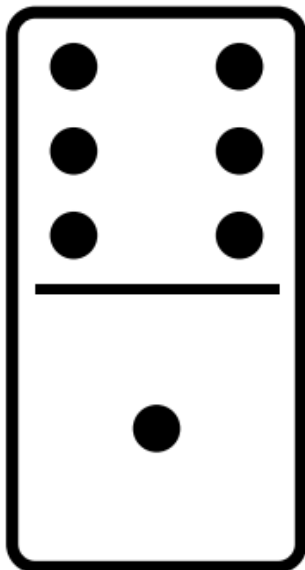
18. A painter used  $\frac{4}{5}$  of a can of paint to paint one wall. Then she used 3 cans of paint for each of 6 more rooms. The total cans of paint the painter used can be found by using this expression.

$$\frac{4}{5} + (3 \times 6)$$

How many cans of paint did the painter use?

- A.  $12\frac{4}{5}$  cans
- B.  $24\frac{4}{5}$  cans
- C.  $18\frac{4}{5}$  cans
- D.  $2\frac{2}{5}$  cans

5.4.F - Simplifying Expressions: Decimals - Word Problems - Dominos





19. An expression is shown.

$$6 \times (6.5 + 3.5) - 12$$

What value is equivalent to the expression?

- A. 48
- B. 30.5
- C. 4
- D. 60

5.4.F - Simplifying Expressions: Decimals - Word Problems - Dominos

20. Micah’s Burger Hut used  $\frac{1}{3}$  of a jar of pickles on a Friday afternoon, then the hut used 2 jars of pickles for each of the next 7 weeks. The total jars of pickles can be found by using this expression.

$$\frac{1}{3} + (2 \times 7)$$

How many jars of pickles did the Burger Hut use?

- A.  $\frac{14}{3}$  jars
- B.  $1\frac{4}{3}$  jars
- C.  $2\frac{7}{3}$  jars
- D.  $14\frac{1}{3}$  jars

5.4.F - Simplifying Expressions: Decimals - Word Problems - Dominos

21. Jeremiah bought lizards at the pet store.

- He bought 7 iguanas.
- Each iguana cost \$21.85.
- Jeremiah used a coupon for \$9.50 off the total cost of lizards.

The total cost in dollars that Jeremiah paid for these 7 lizards can be represented by this expression

$$(7 \times 21.85) - 9.50$$

How much did Jeremiah pay for the 7 iguanas?

A. \$143.45	B. \$153.65
C. \$163.15	D. \$86.45

5.4.F - Simplifying Expressions: Decimals - Word Problems - Dominos

22. At a clothing store, Zoey bought 2 shirts for \$7.25 each and 2 pairs of jeans for \$24 each. She used a coupon for \$10 off the total price of the clothes. The discounted price of the clothes Zoey bought can be found using this expression.

$$[2(7.25)+2(24)] - 10$$

What is the discounted price in dollars and cents of the clothes Zoey bought?

5.4.F - Simplifying Expressions: Decimals - Word Problems - Dominos

23. At a bookstore, Brock bought 3 magazines for \$6.95 each and 2 books for \$21.50 each. He used a gift card for \$12 off the total price of his purchase. The discounted price of the clothes Zoey bought can be found using this expression.

$$[3(6.25)+2(21.50)] - 12$$

What is the discounted price in dollars and cents of the items Brock bought?

5.4.F - Simplifying Expressions: Decimals - Word Problems - Dominos

24. Noah bought items at the office supply store.

- He bought 2 boxes of pencils for \$9.19 each.
- He used a coupon for \$0.20 off the price of each box of pencils.
- He bought a notebook for \$8.79.
- He bought some paperclips for \$7.09.
- He used a coupon for \$6.00 off the total price of the items he bought.

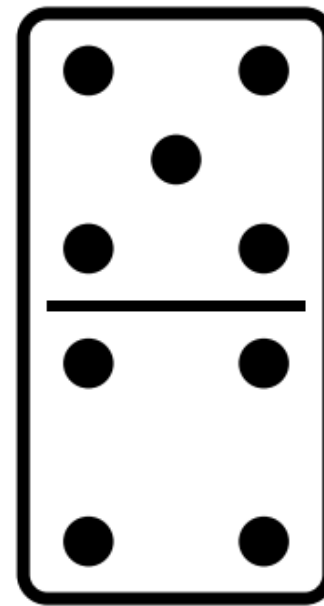
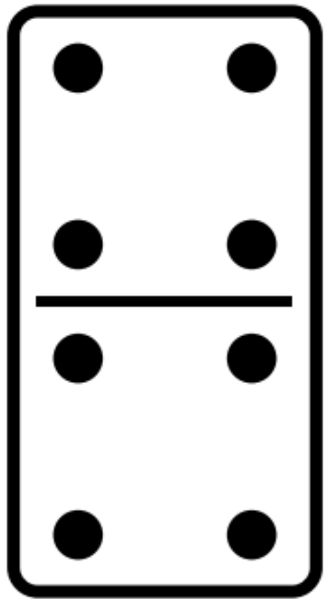
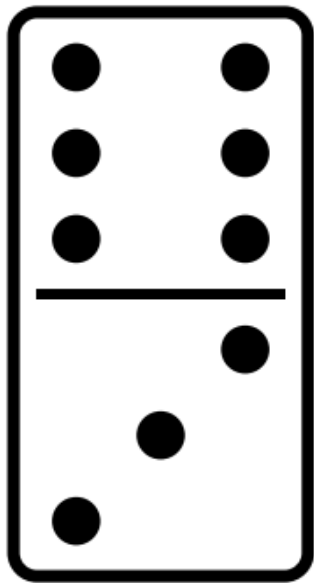
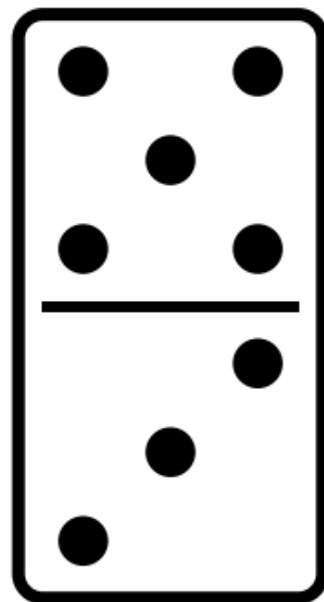
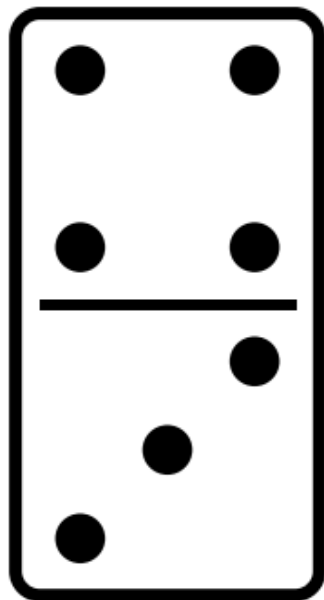
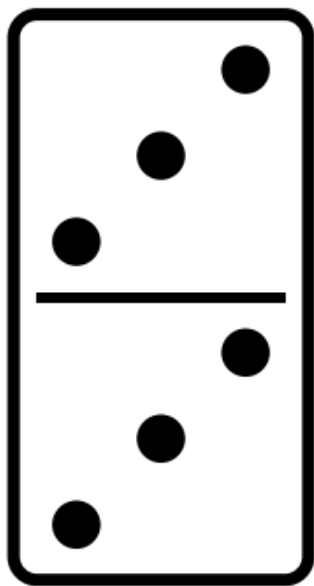
This expression can be used to determine the price of the items Noah bought.

$$[2(9.19 - 0.20) + 8.79 + 7.09] - 6.00$$

How much did Noah spend at the office supply store?

A. \$37.74	B. \$34.06
C. \$33.86	D. \$27.86

5.4.F - Simplifying Expressions: Decimals - Word Problems - Dominos



25. An expression is shown.

$$4 \times (7.3 + 5.2) - 15$$

What value is equivalent to the expression?

- A. 19.4
- B. 50
- C. 35
- D. 4.4

5.4.F - Simplifying Expressions: Decimals - Word Problems - Dominos

26. A hair stylist used  $\frac{2}{5}$  of a can of hairspray on Monday. Then he used 2 cans of hairspray a day for each of the next 4 days. The total cans of hairspray the stylist used can be found by using this expression.

$$\frac{2}{5} + (2 \times 4)$$

How many cans of hairspray did the stylist use?

- A.  $2\frac{4}{5}$  cans
- B.  $8\frac{2}{5}$  cans
- C.  $4\frac{2}{5}$  cans
- D.  $\frac{8}{5}$  cans

5.4.F - Simplifying Expressions: Decimals - Word Problems - Dominos

27. Jasmine bought dogfood at the pet store.

- She bought 7 bags of food.
- Each bag cost \$12.65.
- Jasmine also bought a new bowl for her dog Ralph for \$4.99.

The total cost in dollars that Jasmine paid for the 7 bags of dog food and the bowl can be represented by this expression

$$(7 \times 12.65) + 4.99$$

How much did Jasmine spend at the pet store?

A. \$83.56	B. \$88.55
C. \$123.48	D. \$93.54

5.4.F - Simplifying Expressions: Decimals - Word Problems - Dominos

28. At a toy store, Landon bought 4 action figures for \$9.25 each and 3 Lego kits for \$25 each. She used a coupon for \$20 off the total price of the purchase. The amount Landon spent at the toy store can be found using this expression.

$$[4(9.25)+3(25)] - 20$$

How much did Landon spend at the toy store?

5.4.F - Simplifying Expressions: Decimals - Word Problems - Dominos

29. At the fair, Jaylen played 5 games for \$1.50 each and rode 3 rides for \$2.25 each. He also bought a drink for 4.25. The amount Jaylen spent at the fair can be found using this expression.

$$[5(1.50)+3(2.25)] + 4.25$$

How much did Jaylen spend at the fair?

5.4.F - Simplifying Expressions: Decimals - Word Problems - Dominos

30. Jordyn bought some items at the office supply store.

- She bought 5 packages of pens for \$4.99 each.
- She used a coupon for \$0.50 off the price of each package of pens.
- She bought a stapler for \$13.49
- She bought some scissors for \$5.49.
- She had enough rewards points to get \$9.00 off the total price of the items she bought.

This expression can be used to determine how much Jordyn spent.

$$[5(4.99 - 0.50) + 13.49 + 5.49] - 9.00$$

How much did Jordyn spend at the office supply store?

A. \$32.43	B. \$34.94
C. \$41.43	D. \$43.43

5.4.F - Simplifying Expressions: Decimals - Word Problems - Dominos

