Dominos

Object of the game: to have the fewest Dominos 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 players hand. The player can place it where they can easily see it for future rounds.

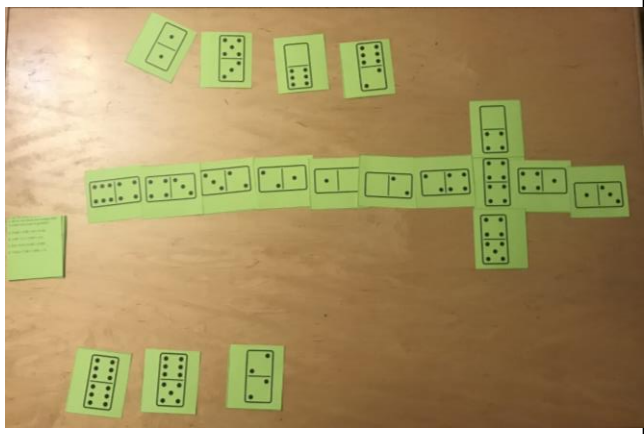
Then it is the next player's turn.

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 Dominos 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.



Print: 2-sided, flip on short edge

4.2.A - 4.2.B - Expanded form and 10 X Relationships

Practice: Dominos

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

1. The number of movie tickets sold at a theater last year can be written in expanded notation, as shown.

(8 x 100,000) + (6 x 1,000)

What is this number written in standard form?

A. 860,000

B. 86,000

C. 806,000

D. 8,006,000

2. In 2008 the total number of cell phone users in Indonesia was about 140,578,000. Which expression has the same value as 140,578,000.

A. 100,000,000 + 40,000,000 + 5,000,000 + 700,000 + 80,000

B. 100,000,000 + 40,000,000 + 500,000 + 70,000 + 8,000

C. 10,000,000 + 4,000,000 + 500,000 + 70,000 + 8,000

D. 100,000,000 + 40,000,000 + 500 + 70 + 8

3. People in the United States drink about 129,600,000 bottles of water each day. What is the value of the digit 1 in this number?

A. 100,000,000

B. 100

C. 1,000

D. 100,000

4. A stadium sold 33,300 tickets to a concert. Which statement about this number is true?

A. The value of the digit in the tens place is 10 times the value of the digit in the hundreds place.

B. The value of the digit in the thousands place is $\frac{1}{10}$ the value of the digit in the ten thousands place.

C. The value of the digit in the hundreds place is 10 times the value of the digit in the thousands place.

D. The value of the digit in the ten thousands place is $\frac{1}{10}$ the value of the digit in the hundreds place.

5. In the number shown, one digit is underlined, and one digit is circled.

7(7),000

Which statement about the circled digit is true?

A. Its value is 10 times greater than the value of the underlined digit.

B. Its value is $\frac{1}{10}$ the value of the underlined digit.

C. Its value is 70 times the value of the underlined digit.

D. Its value is $\frac{1}{70}$ the value of the underlined digit.

6. The counter shows the number of times a website has been visited.

000	724	356

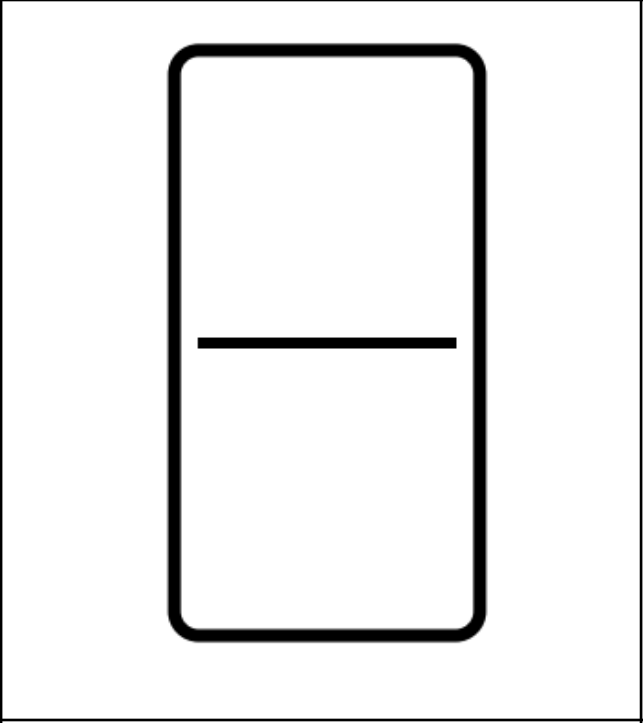
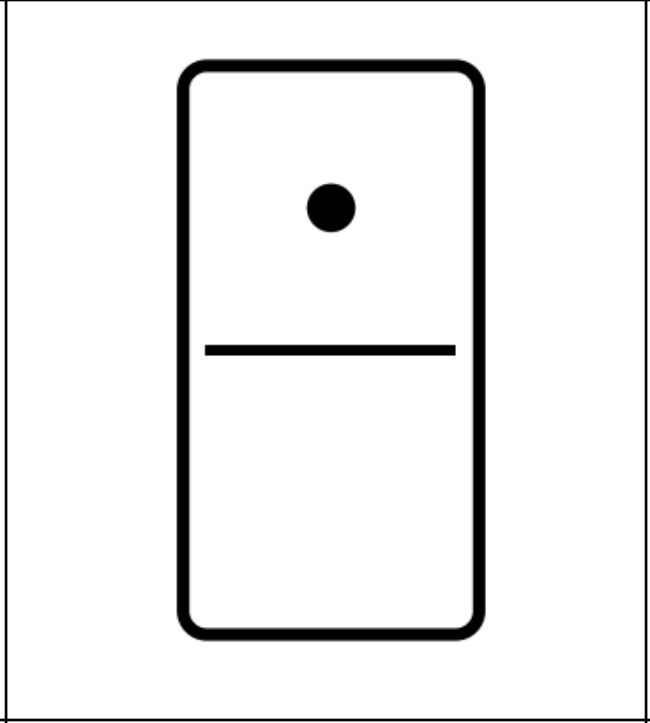
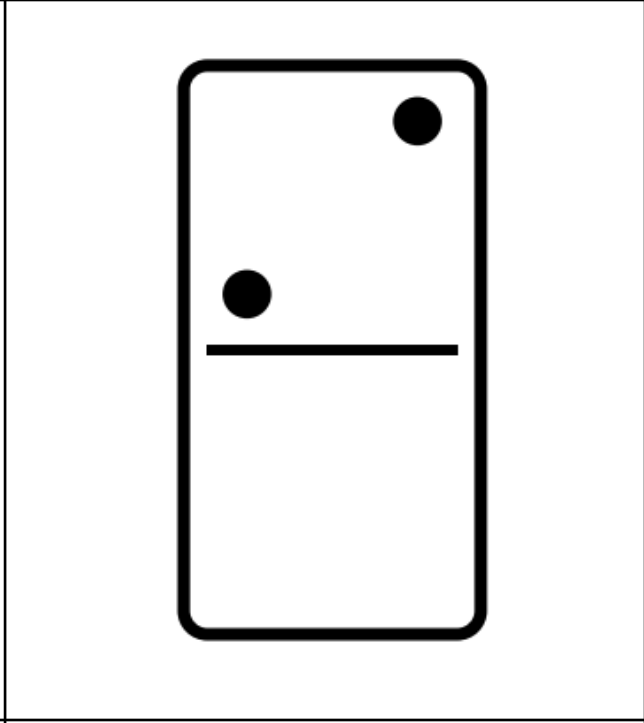
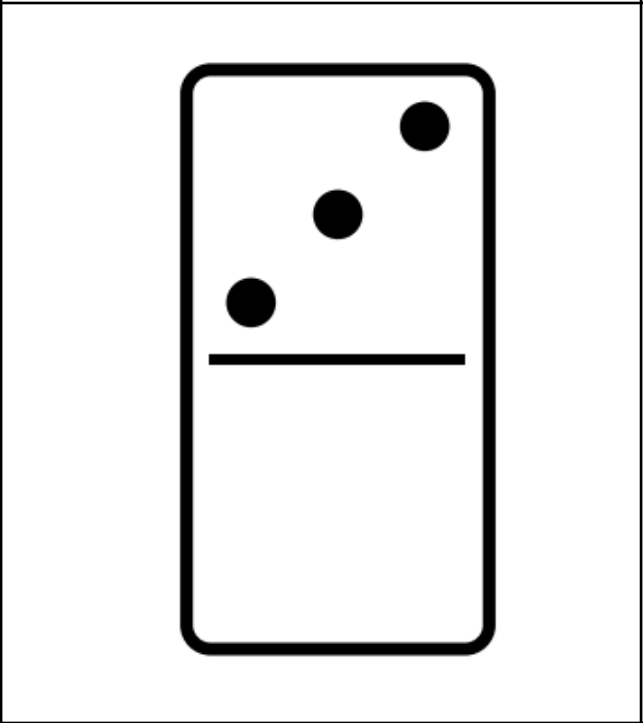
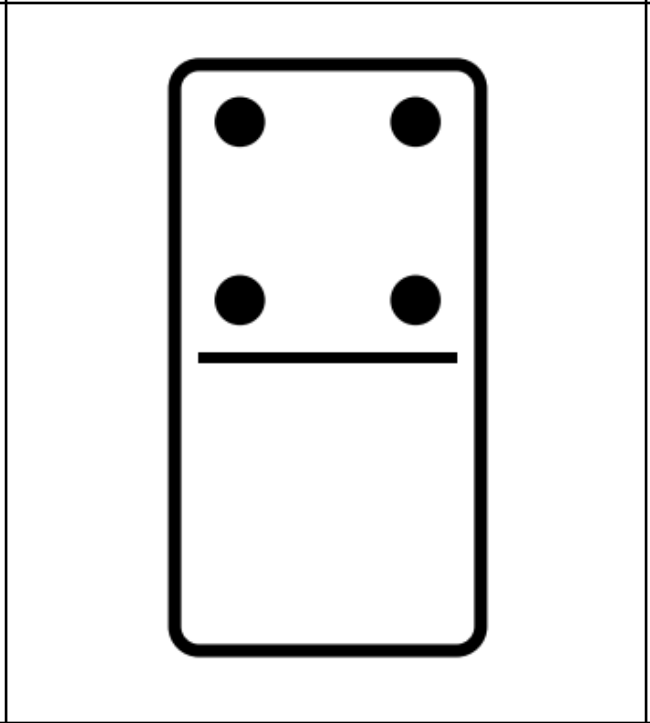
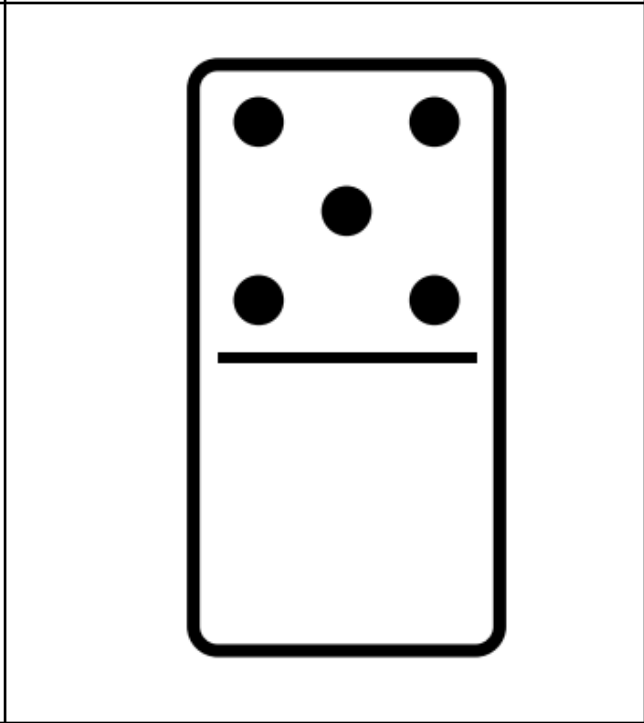
What is the value of the digit 4 in this number?

A. 400

B. 40

C. 4

D. Not Here

7. The number of stars in the Phargon Galaxy can be written in expanded notation, as shown.

(5 x 100,000) + (7 x 100)

What is this number written in standard form?

A. 507,000

B. 500,700

C. 570,000

D. 500,007

8. The total number of coins in the treasury of the Queen of Hasmuchia is 170,506,000. Which expression has the same value as 170,506,000?

A. 100,000,000 + 70,000,000 + 500,000 + 60,000

B. 100,000,000 + 70,000,000 + 50,000 + 6,000

C. 100,000,000 + 70,000,000 + 500,000 + 6,000

D. 100,000,000 + 70,000,000 + 500,000 + 600

9. Particular Patrick does not like germs at all! According to his estimates, he kills 494,300,000 germs a day with his disinfectant spray. What is the value of the digit 3 in this number?

A. 3,000

B. 30,000

C. 300,000

D. 3,000,000

10. Carlotta the Cavity Queen has eaten 88,808 lemon drops in her lifetime. Which statement about this number is true?

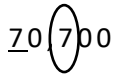
A. The value of the digit in the tens place is 10 times the value of the digit in the hundreds place.

B. The value of the digit in the hundreds place is 10 times the value of the digit in the thousands place.

C. The value of the digit in the ten thousands place is $\frac{1}{10}$ the value of the digit in the hundreds place.

D. The value of the digit in the thousands place is $\frac{1}{10}$ the value of the digit in the ten thousands place.

11. In the number shown one digit is underlined, and one digit is circled.



Which statement about the circled digit is true?

A. Its value is 10 times greater than the value of the underlined digit.

B. Its value is $\frac{1}{10}$ the value of the underlined digit.

C. Its value is 100 times the value of the underlined digit.

D. Its value is $\frac{1}{100}$ the value of the underlined digit.

12. The counter shows the number of times a website has been visited.

000	543	631

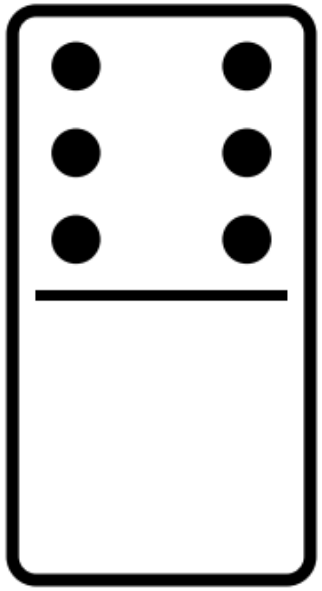
What is the value of the digit 4 in this number?

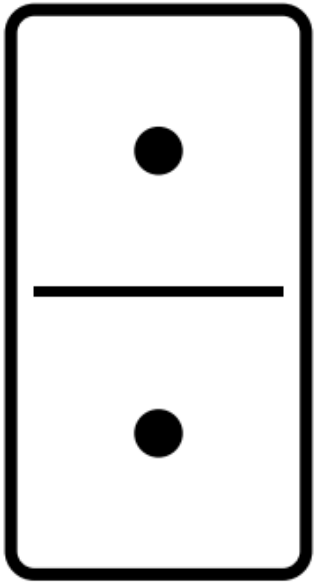
A. 400

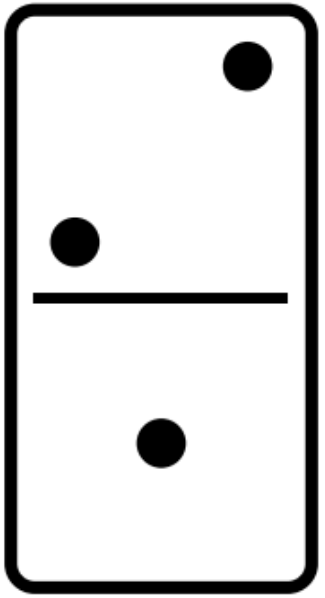
B. 40

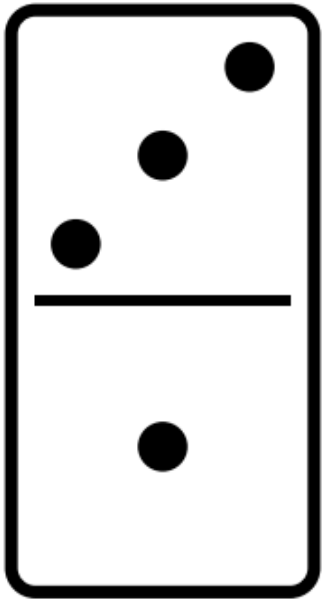
C. 4

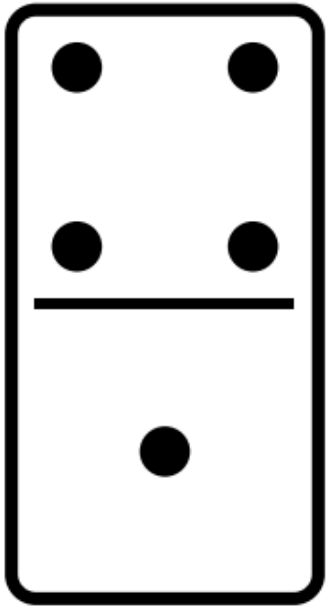
D. Not Here

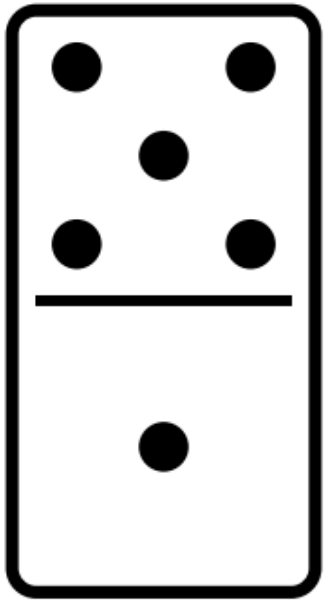












13. The number of movie tickets sold at a theater last year can be written in expanded notation, as shown.

(7 x 100,000) + (5 x 1,000)

What is this number written in standard form?

A. 705,000

B. 750,000

C. 700,500

D. 700,050

14. In 2022 the total number of mosquito bites inflicted on campers at Happy Swamp Summer Camp was estimated to be 303,752,000. Which expression has the same value as 303,752,000.

A. 30,000,000 + 3,000,000 + 700,000 + 50,000 + 2,000

B. 300,000,000 + 3,000,000 + 700,000 + 50,000 + 200

C. 300,000,000 + 3,000,000 + 700,000 + 50,000 + 2,000

D. 300,000,000 + 3,000,000 + 70,000 + 5,000 + 200

15. Despite the mosquitos, Happy Swamp Summer Camp is a popular summer destination. So far, they have served 734,200,910 campers. What is the value of the digit 2 in this number?

A. 200

B. 2,000

C. 20,000

D. 200,000

16. Happy Swamp Summer Camp served up 11,001 bowls of their famous camp oatmeal last July. Which statement about this number is true?

A. The value of the digit in the thousands place is 100 times the value of the digit in the ones place.

B. The value of the digit in the thousands place is 10 times the value of the digit in the ten thousands place.

C. The value of the digit in the ones place is $\frac{1}{100}$ the value of the digit in the thousands place.

D. The value of the digit in the thousands place is $\frac{1}{10}$ the value of the digit in the ten thousands place.

17. In the number shown, one digit is underlined, and one digit is circled.

9,9090

Which statement about the circled digit is true?

A. Its value is 10 times greater than the value of the underlined digit.

B. Its value is $\frac{1}{10}$ the value of the underlined digit.

C. Its value is 90 times the value of the underlined digit.

D. Its value is $\frac{1}{90}$ the value of the underlined digit.

18. The counter shows the number of times a website has been visited.

000	919	644

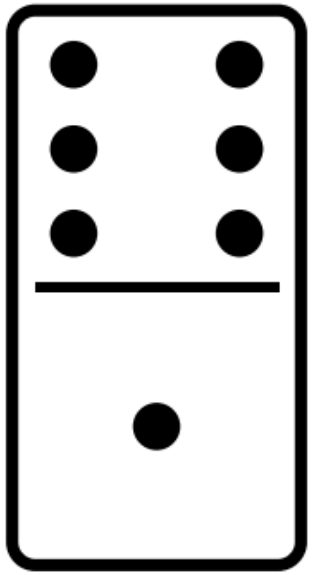
What is the value of the digit 1 in this number?

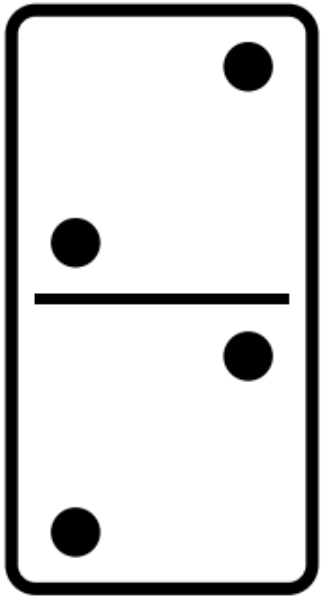
A. 1,000

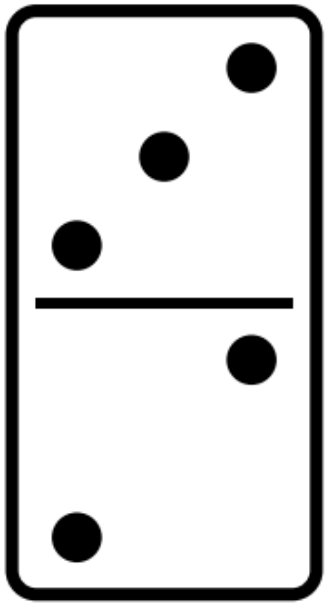
B. 10,000

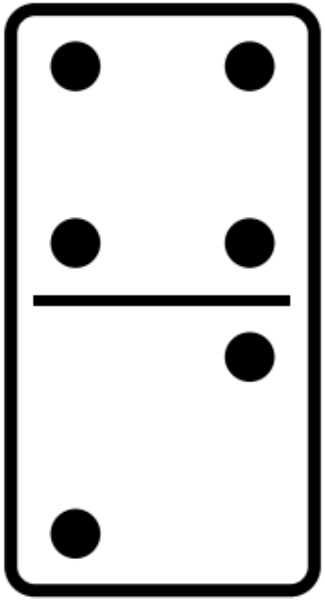
C. 100,000

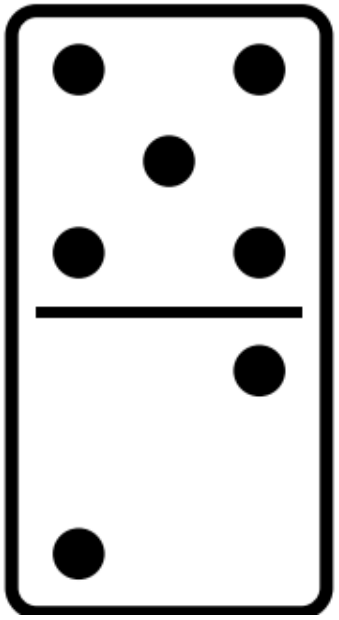
D. Not Here

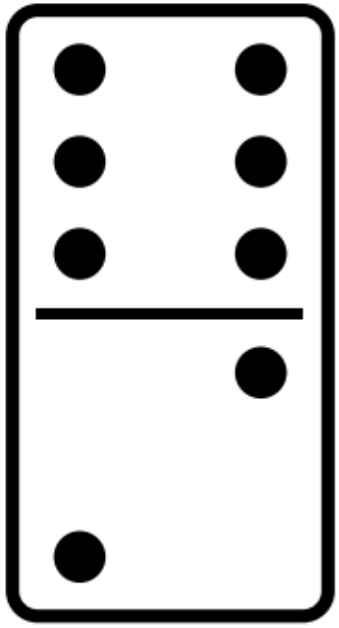












19. The number of people who watched Muscular Marvin's on-line exercise videos last month can be written in expanded notation as shown.

(5 x 100,000) + (6 x 10,000)

What is this number written in standard form?

A. 56,000

B. 560,000

C. 5,600,000

D. 506,000

20. Muscular Marvin loves to run. He estimates that last year he ran 458,040,000 steps. Which expression has the same value as 458,040,000

A. 40,000,000 + 5,000,000 + 800,000 + 4,000

B. 400,000,000 + 50,000,000 + 8,000,000 + 40,000

C. 400,000,000 + 50,000,000 + 8,000,000 + 400,000

D. 400,000,000 + 50,000,000 + 8,000,000 + 4,000

21. So far, Muscular Marvin has made $778,716,443 selling his specially designed exercise equipment.

What is the value of the digit 8 in this number?

A. 80,000

B. 800,000

C. 8,000,000

D. 80,000,000

22. Muscular Marvin has done 55,500 sit ups this year. Which statement about this number is true?

A. The value of the digit in the hundreds place is 10 times the value of the digit in the thousands place.

B. The value of the digit in the thousands place is $\frac{1}{10}$ the value of the digit in the hundreds place

C. The value of the digit in the thousands place is 10 times the value of the digit in the hundreds place.

D. The value of the digit in the hundreds place is $\frac{1}{10}$ the value of the digit in the ten thousands place.

23. In the number shown, one digit is underlined, and one digit is circled.

33,000

Which statement about the circled digit is true?

A. Its value is $\frac{1}{10}$ the value of the underlined digit.

B. Its value is 30 times the value of the underlined digit.

C. Its value is $\frac{1}{30}$ the value of the underlined digit.

D. Its value is 10 times greater than the value of the underlined digit.

24. The counter shows the number of times a website has been visited.

000	878	397

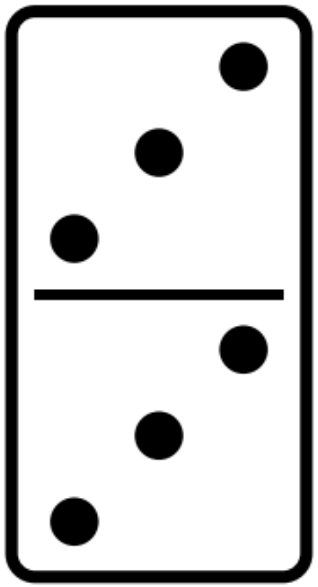
What is the value of the digit 3 in this number?

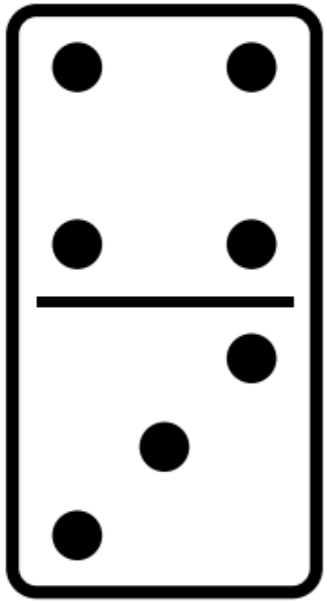
A. 300

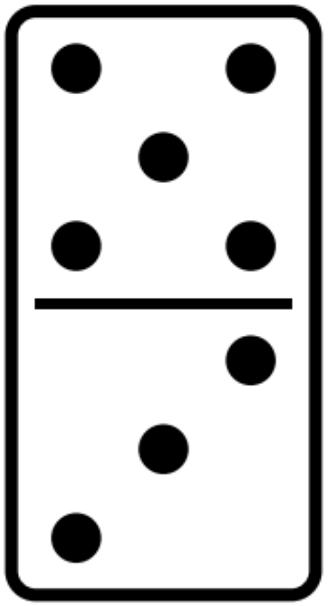
B. 3,000

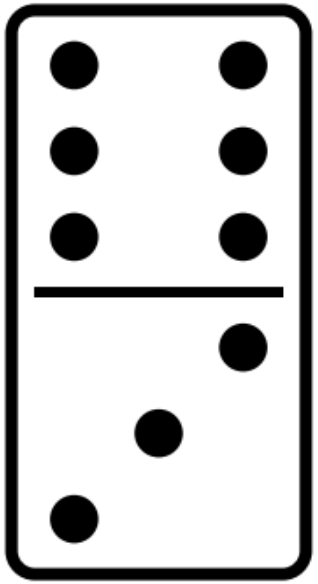
C. 30,000

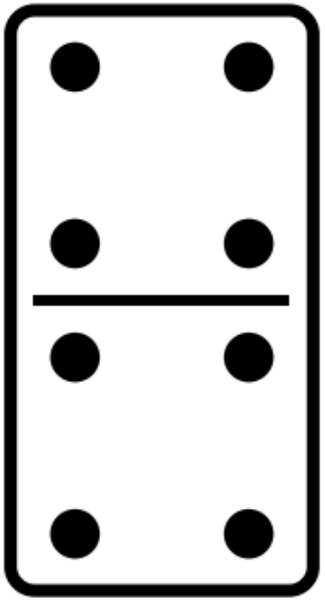
D. Not Here

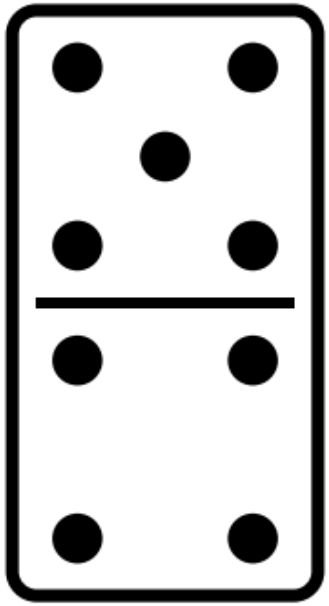












25. The number of jewels that Peg-Leg Pete has captured in his career as a pirate can be written in expanded notation as shown.

(4 x 100,000) + (9 x 1,000)

What is this number written in standard form?

A. 490,000

B. 409,000

C. 49,000

D. 400,900

26. To supplement his work as a pirate, Peg-Leg Pete makes extra money by selling eye patches to his fellow pirates and other customers who love pirate fashion. So far, he has sold 610,220,200 eye patches. Which expression has the same value as 610,220,200?

A. 600,000,000 + 10,000,000 + 200,000 + 20,000 + 200

B. 60,000,000 + 1,000,000 + 20,000 + 2,000 + 20

C. 600,000,000 + 1,000,000 + 200,000 + 2,000 + 200

D. 600,000,000 + 10,000,000 + 200,000 + 20,000 + 2

27. It seems like being a pirate would be exciting, but in between capturing ships, it can be boring. Peg-leg Pete's pirate crew usually plays video games to pass the time. They estimate they spent 622,677,372 minutes playing video games last year. What is the value of the digit 3 in this number?

A. 30,000

B. 3,000

C. 300

D. 3

28. Peg-Leg Pete and his pirates captured 77,700 pieces of silver from just one ship last week. Which statement about this number is true?

A. The value of the digit in the hundreds place is 10 times the value of the digit in the thousands place.

B. The value of the digit in the hundreds place is $\frac{1}{10}$ the value of the digit in the thousands place.

C. The value of the digit in the hundreds place is $\frac{1}{10}$ the value of the digit in the ten thousands place.

D. The value of the digit in the thousands place is 100 times the value of the digit in the hundreds place.

29. In the number shown, one digit is underlined, and one digit is circled.

22,000

Which statement about the circled digit is true?

A. Its value is 10 times greater than the value of the underlined digit.

B. Its value is $\frac{1}{10}$ the value of the underlined digit.

C. Its value is 20 times the value of the underlined digit.

D. Its value is $\frac{1}{200}$ the value of the underlined digit.

30. The counter shows the number of times a website has been visited.

000	168	733

What is the value of the digit 6 in this number?

A. 60,000

B. 6,000

C. 600

D. Not Here