Math noodlers

LRN2350

Contents:

- Game Board
- 192 Cards
- 36 Colorful Noodle-O's
- 4 Pawns
- Die

Answer questions in four different ways!

* Choose it!—Choose your answer from multiple choices.

* Show it!—Use Noodle-O manipulatives to show your answer.

* Write it!—Write out your answer on scratch paper.

* Doodle it!—Draw your answer on scratch paper.

Wacky Cards are scattered throughout each category.
Be prepared to sing, hop, act—in other words—get wacky!

Object of the Game

Answer questions correctly to move ahead and be the first one to reach the Finish.

Setting Up the Game

1. Shuffle each category of cards and place them on their corresponding color-coded spaces around the board. There are four categories of cards: Write it!, Doodle it!, Show it!, and Choose it!

2. Place Noodle-O's in the middle of the board. Make sure players have scratch paper to write or draw their answers on and at least one calculator to use only when instructed.

2. Decide whether players will play alone or with partners.

Directions for Play

1. Choose a player to be the keeper of the Answer Key. Each player then chooses a pawn and places it on the Start space. Roll to see who will go first. Player 1 rolls the die, moves the number of spaces shown, and chooses a card from the deck that is the same color as the space he or she is on. Players may share a space.

2. The player reads the question on the card aloud and answers it. The player with the Answer Key checks the answer. If the player answers incorrectly, play passes to the player on the left. If the player answers correctly, he or she may have a bonus roll of the die and move ahead that many spaces. The player does not answer another question, and play moves to the player on the left.

3. The first player to reach the Finish space and correctly answer a question chosen by his or her opponents wins. If Finish is reached on a bonus roll, the player must wait until his or her next turn to answer the winning question.
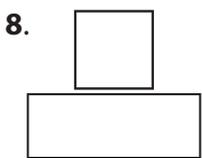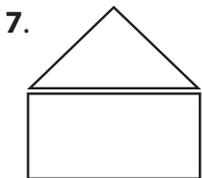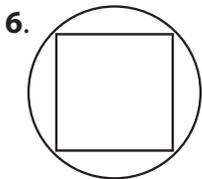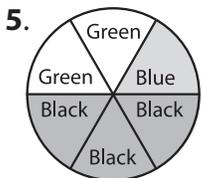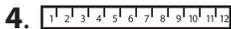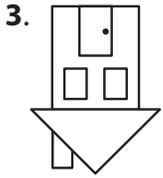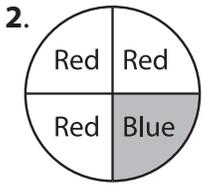
Write it! Answer Key

1. 5 + 4 = 9 balls

2. 3 + 9 = 12
9 + 3 = 12
12 – 9 = 3
12 – 3 = 9

3. 8 + 7 = 15

4. 4, 21, 56, 83, 132

5. 3 o'clock

6. 2 + 8 + 6 = 16

7. 6 – 4 = 2   Tom Thumb is taller by 2 cm.

8. 10 + 10 + 10 + 10 + 10 = 50 minutes or 10 x 5 = 50 minutes

9. 18 + 2 = 20 teeth

10. 8:30 a.m.

11. 90 – 75 = 15¢ more

12. 12 < 21

13. 3 + 5 + 4 = 12

14. 17

15. 15 more minutes

16. 77

17. 61¢

18. 1 + 1 + ½ + 1 ½ = 4 hours

19. 44

20. 8 + 6 – 5 = 9

21. ³⁄₈

22. 20 inches

23. 500, 800, 700

24. 2 + 2 + 2 + 2 = 8 inches or 2 x 4 = 8 inches

25. 4 feet

26. 23

27. 6 times

28. ³⁄₈

29. 4 eggs

30. 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = 20 rings or 2 x 10 = 20 rings

31. 3,725

32. 12 piglets

33. Freddy Worm: 6 –1 + 2 = 7 cm
Wilma Worm: 6 – 1 = 5 cm
Sammy Worm: 6 cm

34. Pirates Treasure: 45 pieces, Hopscotch Cereal: 45 + 24 = 69 pieces, Oh-Oh's: 45 – 15 = 30 pieces

35. 1,700

36. 4,441

37. 13 pounds, 15 ounces

38. 1 mile, 1 yard, 1 foot, 1 inch

39. 250 + 250 + 250 = 750 feet or 250 x 3 = 750 feet

40. 25 feet

41. 100, *101*, 102, *103*, 104, *105*, 106, *107*, 108, *109*, 110

42. 2 + 2 + 2 + 2 + 2 + 2 = 12 windows or 2 x 6 =12 windows

43. 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40

44. 21

45. 11 freckles

46. even, odd, odd, even, odd

47. 4,251   9,301

48. giggle

Doodle it! Answer Key

1. Graphs should show 2 fish by Papa Bear, 1 fish by Mama Bear, and 4 fish by Baby Bear.

2.

Red	Red
Red	Blue

3.

4. |1 |2 |3 |4 |5 |6 |7 |8 |9 |10 |11 |12|

5.
Green
Green | Blue
Black | Black
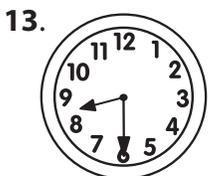Black

6.

7.

8.

9. Graphs should show 3 bones by Monday, 4 bones by Tuesday, and 2 bones by Wednesday.

10. Drawings should show 5 cups of chocolate milk.

11. Drawings should show 2 hot dogs and 4 marshmallows.

12. Drawings should show 2 spiders.

13.

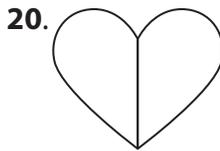**14.** Drawings should show 3 quarters.

15. Drawings should show a blue whale.

16. Drawings should show 5 balloons.

17. Drawings should show 7 hearts.

18. Drawings should show 9 ants.

19. Drawings should show the sun.

20.

21. Drawings should show 2 yellow butterflies and 3 blue butterflies = 5 butterflies.
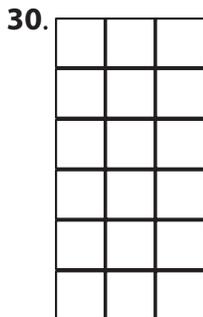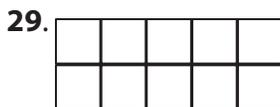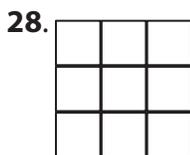
22. Drawings should show 1 bear, 2 dogs, and 1 bird.

23. Drawings should show 7 stars.

24. Drawings should show 10 happy faces.

25. Drawings should show a magician's hat with 7 rabbits.

26. Drawings should show a monster with 4 teeth.

27. Drawings should show 6 gumballs.

28.

29.

30.

31. Drawings should show the top shelf with 1 plate, the second shelf with 2 plates, the third shelf with 4 plates, and the fourth shelf with 8 plates.

32. ‖‖‖‖ ‖‖‖‖ ‖‖‖‖ |

33. Drawings should show 1 sheep.

34. Drawings should show 12 buckets.

35. Drawings should show 10 gold coins.

36. Drawings should show a half-dollar.

37. Drawings should show 12 grapes.

38. Drawings should show lollipops.

39. Drawings should show a man with 4 hats on his head.

40. Drawings should show two triangles that are the same size and shape.

41. 100, 200, 300, 400, 500, 600, 700, 800, 900, 1,000

42. 100, 99, 98, 97, 96, 95, 94, 93, 92, 91, 90

43. $2 \times 4 = 8$ $3 \times 7 = 21$
$6 \times 5 = 30$ $4 \times 3 = 12$

44. 53¢, 29¢, 64¢

45. 45 is greater than 27, 72 is greater than 27, 80 is greater than 48, 56 is greater than 29

46. 503, 1,250, 624

47. 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461

48. 15 lily pads

Show it! Answer Key

1. yellow

2. 5 cherry, 3 banana, 4 blueberry, 2 orange

3. 4 Mias

4. 4

5.

6. 4 red, 5 blue, 1 yellow

7. Answers will vary.

8. 12 white eggs and 6 brown eggs

9. 5 piles of 5

10. Hickory: 4 inches, Dickory: 3 inches, Dock: 6 inches

11. 21 gumballs

12. 30 nails

13. 6 snakes

14. 14 bugs

15. 20 mittens

16. 14 drumsticks

17. 11 doughnuts

18. 3 bags of 5 marbles

19. 2 sacks of 6 jacks

20. 28 seconds

21. blue

22. 15 rings

23. March 13

24. June 22

25. 6

26. 10

27. 16 webs

28. 25 tires

29. 9 Noodle-O's

30. 7 Noodle-O's

31. 4 dolls that cost $4 each

32. 9 more freckles

33. Pokey was faster.

34. 6 mice

35. 12 stones

36. 11 quarters

37. 11

38. 8

39. 8

40. 15 minutes

41. 100 – 65 = 35 feet taller

42. 350, 340, 330, 320, 310, 300, 290, 280, 270, 260, 250

43. $2,000,000 more

44. 27, 40, 189, 198, 338

45. 9 balls

46. 125 horses

47. 26 motorcycles

48. 222, 224, 226, 228, 230, 232, 234, 236, 238, 240

Choose it! Answer Key

1. c

2. b

3. c

4. a

5. b

6. c

7. a

8. b

9. c

10. a

11. a

12. c

13. b

14. c

15. a

16. c

17. a

18. b

19. b

20. a

21. c

22. a

23. b

24. b

25. c

26. c

27. a

28. c

29. b

30. b

31. c

32. a

33. b

34. c

35. b

36. a

37. b

38. c

39. b

40. a

41. 99,547

42. 10 cats

43. 7 ½ pounds

44. 21

45. Answers will vary.

46. Answers will vary.

47. hive – five   door – four
bee – three   sun – one
sticks – six   shoe – two
sign – nine   Kevin – seven
gate – eight   pen – ten

48. 5, 10, 15, 20, 25, 30, 35, 40, 45, 50