Discovery K12, Inc. **Quiz/Test Answers Fourth Grade** **discoveryk12.com**

Course: Math 4

Week 1 Quiz

Question 1. Write comparison statements for 2 x 5 = 10.
Question 2. Write comparison statements for 3 x 4 = 12.
Question 3. Write comparison statements for 6 x 2 = 12.
Question 4. Write comparison statements for 5 x 3 = 15.
Question 5. Write comparison statements for 7 x 2 = 14.

Answer Key:

Question 1. 10 is 2 times as many as 5
Question 2. 12 is 3 times as many as 4
Question 3. 12 is 6 times as many as 2
Question 4. 15 is 5 times as many as 3
Question 5. 14 is 7 times as many as 2

Week 2 Quiz

Question 1. There are 3 boxes with 7 books in each box. How many books are there in total?
Question 2. There are 5 bags with 4 marbles in each bag. How many marbles are there in total?
Question 3. There are 6 jars with 5 candies in each jar. How many candies are there in total?
Question 4. There are 2 baskets with 8 oranges in each basket. How many oranges are there in total?
Question 5. There are 7 shelves with 6 books on each shelf. How many books are there in total?

Answer Key:

Question 1. 21
Question 2. 20
Question 3. 30
Question 4. 16
Question 5. 42

Week 3 Quiz

Question 1. There are 5 baskets with 7 apples in each basket and 2 baskets with 10 oranges in each basket. How many fruits are there in total?

Question 2. There are 3 boxes with 6 bananas in each box and 4 boxes with 9 grapes in each box. How many fruits are there in total?

Question 3. There are 6 jars with 5 candies in each jar and 2 jars with 8 candies in each jar. How many candies are there in total?

Question 4. There are 2 baskets with 10 oranges in each basket and 3 baskets with 12 apples in each basket. How many fruits are there in total?

Question 5. There are 7 shelves with 6 books on each shelf and 3 shelves with 9 books on each shelf. How many books are there in total?

Answer Key:

Question 1. 55

Question 2. 54

Question 3. 46

Question 4. 56

Question 5. 69

Week 4 Quiz

Question 1. Find all the factors of 56.

Question 2. Find all the factors of 100.

Question 3. Find all the factors of 36.

Question 4. Find all the factors of 81.

Question 5. Find all the factors of 64.

Answers:

Answer 1. The factors of 56 are 1, 2, 4, 7, 8, 14, 28, 56.

Answer 2. The factors of 100 are 1, 2, 4, 5, 10, 20, 25, 50, 100.

Answer 3. The factors of 36 are 1, 2, 3, 4, 6, 9, 12, 18, 36.

Answer 4. The factors of 81 are 1, 3, 9, 27, 81.

Answer 5. The factors of 64 are 1, 2, 4, 8, 16, 32, 64.

Week 5 Quiz

1. What is the next letter in this sequence: C C D C C D C C D C __?
2. What is the next letter in this sequence: X Y Z X Y Z X Y __?
3. What is the next letter in this sequence: A B A C A B A C A __?
4. What is the next letter in this sequence: D D E D D E D D E D __?
5. What is the next number in this sequence: 9 1 9 9 1 9 9 9 1 9 9 9

Answers:

1. C
2. Z
3. B
4. D
5. 9

Week 6 Quiz

1. Write the number 9,731,054 in word form.
2. What is the number 7,562,408 in word form?
3. Write one million two hundred sixty-three thousand in numeral form.
4. What is the number 3,207,509,601 in word form?
5. Write 500,000,000 in word form.

Answers

1. Nine million seven hundred thirty-one thousand fifty-four
2. Seven million five hundred sixty-two thousand four hundred eight.
3. 1,263,000.
4. Three billion two hundred seven million five hundred nine thousand six hundred one.
5. Five hundred million.

Week 7 Quiz

1. Compare the numbers 583 and 459
2. Compare the numbers 926 and 926
3. Compare the numbers 720 and 847
4. Compare the numbers 3,871 and 3,281
5. Compare the numbers 5,094 and 5,910

Answers:

1. 583 is greater than 459
2. 926 is equal to 926

3. 720 is less than 847
4. 3,871 is greater than 3,281
5. 5,094 is less than 5,910

Week 8 Quiz

1. Round 268 to the nearest ten.
2. Round 3,764 to the nearest hundred.
3. Round 5,287 to the nearest thousand.
4. Round 918 to the nearest ten.
5. Round 6,152 to the nearest hundred.

Answers:

1. 270
2. 3,800
3. 5,000
4. 920
5. 6,200

Week 9 Quiz

1. What is the sum of 347 and 236?

2. What is the difference between 548 and 276?

3. What is the sum of 489 and 376?

4. What is the difference between 739 and 452?

5. What is the sum of 567 and 489?

Answers:

1. 583
2. 272
3. 865
4. 287
5. 1056

Week 10 Quiz

1. What is the difference between 820 and 304?
2. What is the difference between 905 and 632?
3. What is the difference between 1,059 and 427?
4. What is the difference between 700 and 234?

5. What is the difference between 968 and 362?

Answers:

1. 516
2. 273
3. 632
4. 466
5. 606

Week 11 Quiz

1. What is the difference between 864 and 137?
2. What is the difference between 954 and 725?
3. What is the difference between 821 and 365?
4. What is the difference between 738 and 456?
5. What is the difference between 1,048 and 429?

Answers:

1. 727
2. 229
3. 456
4. 282
5. 619

Week 12 Quiz (Day 54 - Day 56)

1. What is 231 multiplied by 52?
2. What is 456 multiplied by 31?
3. What is 789 multiplied by 42?
4. What is 221 multiplied by 29
5. What is 380 multiplied by 47

Answers:

1. 12012
2. 14136
3. 33138
4. 6409
5. 17860

Week 13 Quiz (Day 57 - Day 61)

1. What is 487 multiplied by 25?
2. What is 582 multiplied by 39?
3. What is 753 multiplied by 86?
4. Using long multiplication, what is 23 multiplied by 46?
5. Using long multiplication, what is 67 multiplied by 89?

Answers:

1. 12175
2. 22698
3. 64758
4. 1058
5. 5963

Week 14 Quiz (Day 62 - Day 66)

1. Using long division, what is 9,800 ÷ 4?
2. Using long division, what is 5,600 ÷ 5?
3. Using long division, what is 7,200 ÷ 8?
4. Using long division, what is 8,100 ÷ 9?
5. Using long division, what is 6,300 ÷ 7?

Answers:

1. 2,450
2. 1,120
3. 900
4. 900
5. 900

Week 15 Quiz (Day 67 - Day 71)

1. Using long division, what is 420 ÷ 21?
2. Using long division, what is 324 ÷ 18?
3. Using long division, what is 540 ÷ 30?
4. Using long division, what is 264 ÷ 12?
5. Using long division, what is 690 ÷ 15?

Answers:

1. 20

2. 18
3. 18
4. 22
5. 46

Week 16 Quiz

1. Solve: 5,458 ÷ 7
2. Solve: 6,569 ÷ 4
3. Solve: 3,257 ÷ 2
4. Solve: 8,204 ÷ 3
5. Solve: 2,342 ÷ 4

Answers

1. 779 with a remainder of 5
2. 1642 with a remainder of 1
3. 1628 with a remainder of 1
4. 2734 with a remainder of 2
5. 585 with a remainder of 2

Week 17 Quiz

1. Solve: 5,674 ÷ 4
2. Solve: 7,533 ÷ 6
3. Solve: 858 ÷ 4
4. Solve: 5,487 ÷ 3
5. Solve: 9,454 ÷ 4

Answers:

1. 1418 Remainder 2
2. 1255 with a remainder of 3
3. 214 with a remainder of 2
4. 1829
5. 2363 with a remainder of 2

Week 18 Quiz

1. The smallest equivalent to 3/6 is?
2. The smallest equivalent to 15/20 is?
3. The smallest equivalent to 9/12 is?
4. The smallest equivalent to 8/24 is?
5. The smallest equivalent to 21/35 is?

Answers

1. ½
2. 3/4
3. 3/4
4. 1/3
5. 3/5

Week 19 Quiz

1. Compare the fractions 3/4 and 1/6 (greater than) (less than) (equal)
2. Compare the fractions 2/3 and 3/4 (greater than) (less than) (equal)
3. Compare the fractions 1/6 and 1/2 (greater than) (less than) (equal)
4. Compare the fractions 2/5 and 7/8 (greater than) (less than) (equal)
5. Compare the fractions 3/4 and 9/10 (greater than) (less than) (equal)

Answers:

1. greater than
2. less than
3. less than
4. less than
5. less than

Week 20 Quiz

1. Convert the improper fraction to a mixed number 36/5
2. Convert the improper fraction to a mixed number 77/8
3. Convert the improper fraction to a mixed number 23/2
4. Convert the improper fraction to a mixed number 76/3
5. Convert the improper fraction to a mixed number 47/5

Answers

1. 7 1/5
2. 9 5/8
3. 11 1/2
4. 25 1/3
5. 9 2/5

Week 21 Quiz

1. If you had a cake with 12 total slices and 6 have been eaten, what fraction of the cake was eaten?

2. If you had a pie with 6 total slices and 1 has been eaten, what fraction of the pie was eaten?
3. If you had a sandwich with 10 total slices and 9 have been eaten, what fraction of the sandwich was eaten?
4. If you had a bag of cookies with 16 total cookies and 12 have been eaten, what fraction of the cookies were eaten?
5. If you had a plate of spaghetti with 20 total servings and 18 have been eaten, what fraction of the spaghetti was eaten?

Answers:

1. 1/2
2. 1/6
3. 9/10
4. 3/4
5. 9/10

Week 22 Quiz

1. Which fractions are bigger 1/3 and 2/3
2. Which fractions are bigger 3/4 and 2/3
3. Which fractions are bigger 2/5 and 4/5
4. Which fractions are bigger 7/8 and 4/5
5. Which fractions are bigger 1/2 and 1/8

Answers:

1. 2/3
2. 3/4
3. 4/5
4. 7/8
5. 1/2

Week 23 Quiz

1. Solve: 12 1/8 + 4 3/8
2. Solve: 5 2/7 + 1 2/7
3. Solve: 9 1/10 + 5 7/10
4. Solve: 8 2/9 + 4 4/9
5. Solve: 7 1/8 + 2 3/8

Answers:

1. 16 1/2
2. 6 4/7
3. 14 4/5
4. 12 2/3
5. 9 1/2

Week 24 Quiz

1. Solve: 3/4 – 1/4 =
2. Solve: 7/5 – 2/5 =
3. Solve: 10/17 – 3/17 =
4. Solve: 5/6 – 2/6 =
5. Solve: 7/12 – 1/12 =

Answers:

1. 1/2
2. 1
3. 7/17
4. 1/2
5. ½

Week 25 Quiz

1. Solve 2 7/8 – 1 3/8 =
2. Solve 14 5/7 – 8 2/7 =
3. Solve 8 9/11 – 3 3/11=
4. Solve 4 5/13 – 2 2/13 =
5. Solve 15 8/17 – 12 5/17 =

Answers:

1. 1 1/2
2. 6 3/7
3. 5 6/11
4. 2 3/13
5. 3 3/17

Week 26

Question 1. When subtracting fractions with like denominators, what do you do with the denominators?
a) Add them together
b) Subtract them
c) Keep them the same

Question 2. If you subtract a smaller fraction from a larger fraction with the same denominator, the result will always be:
a) A negative fraction
b) A fraction greater than 1
c) A positive fraction

Question 3. When subtracting fractions with the same denominator, what do you do with the numerators?
a) Multiply them
b) Add them together
c) Subtract one from the other

Question 4. If two fractions have the same numerator and denominator, and you subtract them, the result will be:
a) 0
b) 1
c) The same fraction

Question 5. If you subtract a fraction from itself, the result is always:
a) 0
b) 1
c) 1/2

Answer Key:

1. c) Keep them the same
2. c) A positive fraction less than 1
3. c) Subtract one from the other
4. a) 0
5. a) 0

Week 27

Solve 5 x 1/5

Solve 7 x 3/4

Solve 4 x 2/5

Solve 3 x 5/8

Solve 2 x 11/13

Answer Key:

1. 1
2. 21/4
3. 8/5
4. 15/8
5. 22/13

Week 28

1. Simplify 20/24
2. Simplify 48/60
3. Simplify 27/36
4. Simplify 18/46
5. Simplify 34/72

Answer Key:

1. 5/6
2. 4/5
3. 3/4
4. 9/23
5. 17/36

Week 29

Question 1. What does it mean for two fractions to be equivalent?
a) They have the same numerator.
b) They represent the same quantity or value.
c) They have the same denominator.

Question 2. If you multiply the numerator and denominator of a fraction by the same number, the resulting fraction is:
a) Not equivalent to the original fraction.
b) Equivalent to the original fraction.
c) Always equal to 1.

Question 3. Which of the following fractions is equivalent to 1/2?
a) 2/4
b) 1/3
c) 2/5

Question 4. If a pizza is divided into 8 equal slices and you take 4 slices, which fraction represents the part you have taken?
a) 1/2

b) 4/8
c) Both a and b

Question 5. Which of the following fractions is NOT equivalent to 3/6?
a) 1/2
b) 3/5
c) 6/12

Answer Key:

1. b) They represent the same quantity or value.
2. b) Equivalent to the original fraction.
3. a) 2/4
4. c) Both a and b
5. b) 3/5

Week 30

1. Convert into fraction 12.25
2. Convert into fraction 3.7
3. Convert into fraction 7.9
4. Convert into fraction 6.425
5. Convert into fraction 4.08

Answers:

1. 49/4
2. 37/10
3. 79/10
4. 257/40
5. 102/25

Week 31

Question 1. Which place value is to the immediate right of the decimal point?
a) Tens
b) Tenths
c) Hundreds

Question 2. In the number 5.32, which digit is in the hundredths place?
a) 5
b) 3
c) 2

Question 3. Which of the following represents the number "Three and forty-five hundredths"?
a) 3.045
b) 3.45
c) 345

Question 4. If you move one place value to the left of the tenths place, which place value are you at?
a) Ones
b) Hundredths
c) Tens

Question 5. Which of the following numbers has a 7 in the tenths place?
a) 0.70
b) 7.00
c) 0.07

Answer Key:

1. b) Tenths
2. c) 2
3. b) 3.45
4. a) Ones
5. a) 0.70

Week 32

1. 158.2 + 103.14 + 620.011
2. 576.28 - 314.6
3. 414.24 + 38.9
4. 3806.35 - 2521.05
5. 578.55 - 147.7

1. 881.351

2. 261.68

3. 453.14

4. 1285.3

5. 430.85

Week 33

1. What is the place value of 8 in the number 685?
2. What is the place value of 4 in the number 419?
3. What is the place value of 3 in the number 936?
4. What is the place value of 7 in the number 794?
5. What is the place value of 6 in the number 206?

Answers:

1. tens place

2. hundreds place

3. tens place

4. hundreds place

5. units place

Week 34

Question 1. What is a point?
a) A location in space that has no size
b) A straight path that goes on forever in both directions
c) A part of a line that has two endpoints

Question 2. What is a line?
a) A location in space that has no size
b) A straight path that goes on forever in both directions
c) A part of a line that has two endpoints

Question 3. What is a line segment?
a) A location in space that has no size
b) A straight path that goes on forever in both directions
c) A part of a line that has two endpoints

Question 4. What is a ray?
a) A part of a line that has one endpoint and goes on forever in one direction
b) A straight path that goes on forever in both directions
c) A location in space that has no size

Question 5. If you draw a dot on your paper, what have you drawn?

a) A point
b) A line
c) A ray

Answer Key:

1. a) A location in space that has no size
2. b) A straight path that goes on forever in both directions
3. c) A part of a line that has two endpoints
4. a) A part of a line that has one endpoint and goes on forever in one direction
5. a) A point

Week 35

Question 1. Which type of angle is smaller than a right angle?
a) Acute angle
b) Obtuse angle
c) Straight angle

Question 2. What do we call an angle that measures exactly 90 degrees?
a) Acute angle
b) Right angle
c) Obtuse angle

Question 3. Which type of angle is larger than a right angle but smaller than a straight angle?
a) Acute angle
b) Right angle
c) Obtuse angle

Question 4. What do we call an angle that measures exactly 180 degrees?
a) Right angle
b) Obtuse angle
c) Straight angle

Question 5. If you open a book slightly, the angle formed is most likely a:
a) Right angle
b) Acute angle
c) Straight angle

Answer Key:

1. a) Acute angle
2. b) Right angle
3. c) Obtuse angle
4. c) Straight angle
5. b) Acute angle

Week 36

Question 1. What tool is commonly used to measure angles?
a) Ruler
b) Protractor
c) Compass

Question 2. What is the name of an angle that measures 90 degrees?
a) Acute angle
b) Right angle
c) Obtuse angle

Question 3. What type of angle is smaller than a right angle?
a) Acute angle
b) Right angle
c) Obtuse angle

Question 4. What type of angle is larger than a right angle but less than 180 degrees?
a) Acute angle
b) Right angle
c) Obtuse angle

Question 5. If you see an angle that forms a complete circle, how many degrees is that angle?
a) 90 degrees
b) 180 degrees
c) 360 degrees

Answer Key

1. b) Protractor
2. b) Right angle
3. a) Acute angle
4. c) Obtuse angle
5. c) 360 degrees

Week 37

Question 1. To find the area of a triangle, you need to know the triangle's:
a) Perimeter and height
b) Base and height
c) Base and width

Question 2. What do you do with the base and height of a triangle to find its area?
a) Add them together
b) Multiply them together
c) Multiply them and then divide by 2

Question 3. If the height of a triangle is doubled, the area will:
a) Stay the same
b) Double
c) Halve

Question 4. The height of a triangle is always:
a) The longest side
b) The shortest side
c) Perpendicular to the base

Question 5. If you have a triangle with the same base and height as a rectangle, the area of the triangle is:
a) Half the area of the rectangle
b) The same as the rectangle
c) Double the area of the rectangle

Answer Key

1. b) Base and height
2. c) Multiply them and then divide by 2
3. b) Double
4. c) Perpendicular to the base
5. a) Half the area of the rectangle