Course: Math 3

Week 1 Quiz

1. What is 4 x 5?
2. What is 7 x 3?
3. What is 6 x 2?
4. What is 8 x 4?
5. What is 9 x 1?

Answers:

1. 20
2. 21
3. 12
4. 32
5. 9

Week 2 Quiz

1. What is 3 x 4? Do the problem by grouping, draw small circles for objects
2. What is 5 x 6? Do the problem by grouping, draw small circles for objects
3. What is 7 x 2? Do the problem by grouping, draw small circles for objects
4. What is 8 x 3? Do the problem by grouping, draw small circles for objects
5. What is 9 x 5? Do the problem by grouping, draw small circles for objects

Answers:

1. 12
2. 30
3. 14
4. 24
5. 45

Week 3 Quiz

1. What is the product of 7 and 8?
2. What is the result of multiplying 6 by 3?
3. If you have 4 groups of 5 candies, how many candies do you have in total?
4. If there are 9 bags, and each bag has 2 pencils, how many pencils are there in total?
5. If you need to find the product of 4 and 9, what symbol do you use between them?

Answers:

1. 56
2. 18

3. 20
4. 18
5. x

Week 4 Quiz

1. Write an equation to show the product of 5 and 7

2. Write an equation to show the result of multiplying 8 by 2

3. Write an equation to show the total of having 6 groups of 4 pencils

4. There are 3 children and each child has 5 stickers, what is the total?

5. Write an equation to show the result of multiplying 9 and 3

Answers:

1. 5 x 7 = 35
2. 8 x 2 = 16
3. 6 x 4 = 24
4. 15
5. 9 x 3 = 27

Week 5 Quiz

1. What is 30 divided by 5?

2. What is 10 divided by 2?

3. What is 12 divided by 6?

4. What is 24 divided by 4?

5. What is 20 divided by 10?

Answers:

1. 6
2. 5
3. 2
4. 6
5. 2

Week 6 Quiz

1. What is 30 divided by 5?

2. If you have 36 candies and you want to share them equally with 9 friends, how many candies will each friend get?

3. What is 27 divided by 3?

4. If you have 24 marbles and you want to put them into 4 bags with an equal number of marbles in each bag, how many marbles will be in each bag?

5. What is 50 divided by 10?

Answers:

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

Week 7 Quiz

1. What is 24 divided by 8?

2. If you have 12 candies and you want to share them equally with 4 friends, how many candies will each friend get?

3. What is 30 divided by 5?

4. If you have 21 pencils and you want to put them into 7 bags with an equal number of pencils in each bag, how many pencils will be in each bag?

5. What is 16 divided by 4?

Answers:

1. 3
2. 3
3. 6
4. 3
5. 4

Week 8 Quiz

1. What is 27 divided by 9?

2. If you have 24 cookies and you want to share them equally with 6 friends, how many cookies will each friend get?

3. What is 36 divided by 6?

4. If you have 63 marbles and you want to put them into 9 bags with an equal number of marbles in each bag, how many marbles will be in each bag?

5. What is 45 divided by 5?

Answers:

1. 3
2. 4
3. 6
4. 7
5. 9

Week 9 Quiz

1. What is 80 divided by 5?

2. If you have 56 pens and you want to share them equally with 8 friends, how many pens will each friend get?

3. What is 84 divided by 6?

4. If you have 72 candies and you want to put them into 9 bags with an equal number of candies in each bag, how many candies will be in each bag?

5. What is 64 divided by 8?

Answers:

1. 16
2. 7
3. 14
4. 8
5. 8

Week 10 Quiz

1. What is $64 \div 4$?

2. What is $56 \div 8$?

3. What is $35 \div 5$?

4. What is $90 \div 9$?

5. What is $72 \div 6$?

Answers:

1. 16
2. 7
3. 7
4. 10
5. 12

Week 11 Quiz

1. Using basic division, what is 25 ÷ 4?

2. Using basic division, what is 37 ÷ 6?

3. Using basic division, what is 48 ÷ 7?

4. Using basic division, what is 59 ÷ 8?

5. Using basic division, what is 72 ÷ 9?

Answers:

1. 6 with a remainder of 1

2. 6 with a remainder of 1

3. 6 with a remainder of 6

4. 7 with a remainder of 3

5. 8

Week 12 Quiz

1. What is 27 ÷ 4?

2. What is 45 ÷ 6?

3. What is 51 ÷ 7?

4. What is 68 ÷ 9?

5. What is 83 ÷ 10?

Answers:

1. 6 with a remainder of 3

2. 7 with a remainder of 3

3. 7 with a remainder of 2

4. 7 with a remainder of 5

5. 8 with a remainder of 3

Week 13 Quiz

1. $7 \times \_\_ = 28$

2. $4 \times \_\_ = 24$

3. $9 \times \_\_ = 45$

4. $6 \times \_\_ = 54$

5. $8 \times \_\_ = 56$

Answers:

1. 4
2. 6
3. 5
4. 9
5. 7

Week 14 Quiz

1. $18 \div X = 6$

2. $21 \div X = 7$

3. $X \div 5 = 8$

4. $56 \div X = 7$

5. $24 \div X = 6$

Answers:

1. 3
2. 3
3. 40
4. 8
5. 4

Week 15 Quiz

1. What are the factors of 24?

2. What is the greatest common factor of 12 and 18?

3. What are the factors of 35?

4. What is the greatest common factor of 20 and 25?

5. What are the factors of 42?

Answers:

1. 1, 2, 3, 4, 6, 8, 12, 24

2. 6

3. 1, 5, 7, 35

4. 5

5. 1, 2, 3, 6, 7, 14, 21, 42

Week 16 Quiz

1. $45 \div n = 5$

2. $n \times 7 = 42$

3. $40 \div n = 8$

4. $9 \times n = 63$

5. $55 \div n = 5$

Answers:

1. 9
2. 6
3. 5
4. 7
5. 11

Week 17 Quiz

1. Solve: $3 \times 4 \times 2$

2. Solve: $4 \times 5 \times 9$

3. Solve: $9 \times 4 \times 5$

4. Solve: 4 x 7 x 3

5. Solve: 7 x 3 x 4

Answers:

1. 24
2. 180
3. 180
4. 84
5. 84

Week 18 Quiz

Divide 20 apples into 4 groups. How many apple in each group?

Divide 24 pencils into 8 groups. How many pencils in each group?

Divide 18 candy bars into 6 groups. How many candy bars in each group?

Divide 30 marbles into 10 groups. How many marbles in each group?

Divide 40 stickers into 5 groups. How many stickers in each group?

Answers:

1. 5
2. 3
3. 3
4. 3
5. 8

Week 19 Quiz

1. There are 16 crayons that need to be split up between 4 children, how many crayons will each child get?
2. There are 24 cupcakes that need to be split between 6 friends. How many cupcakes will each friend get?
3. There are 30 baseball cards that need to be divided equally between 10 kids. How many baseball cards will each kid get?
4. There are 36 cookies that need to be divided equally among 9 people. How many cookies will each person get?

5. There are 42 stickers that need to be divided equally among 7 kids. How many stickers will each kid get?

Answers:

1. 4
2. 4
3. 3
4. 4
5. 6

Week 20 Quiz

1. Solve: 8 x _ = 16
2. Solve: 20 = 4 x _
3. Solve: 25 = _ x 5
4. Solve: 12 ÷ _ = 4
5. Solve: 8 = _ x 2

Answers:

1. 2
2. 5
3. 5
4. 3
5. 4

Week 21 Quiz

1. The inverse division problem for 8 x _ = 72
2. The inverse division problem for _ x 3 = 18
3. The inverse division problem for 7 x _ = 49
4. The inverse division problem for 9 x 3 = _
5. The inverse division problem for _ x 5 = 15

Answers:

1. 9
2. 6
3. 7
4. 27
5. 3

Week 22 Quiz

1. Peter has 5 books, and Sarah has 3 books. How many books do they have together?

2. Mike has 12 pencils, and Laura has 9 pencils. What is the total number of pencils they have together?

3. What is the sum of 58 and 14?

4. Emily has 25 balloons, and Alex has 17 balloons. How many balloons do they have combined?

5. Tom has 8 marbles, and Anna has 6 marbles. How many marbles do they have together?

Answers:

1. 8
2. 21
3. 72
4. 42
5. 14

Week 23 Quiz

1. Fill in the missing number: 3, 6, 9, __, 15

2. What is the next number in the sequence: 2, 4, 6, 8, __

3. Fill in the missing number: 10, 12, __, 16, 18

4. What is the next number in the sequence: 3, 5, 7, 9, __

5. What comes next in the pattern: 20, 18, 16, 14, __

Answers:

1. 12
2. 10
3. 14
4. 11
5. 12

Week 24 Quiz

1. Solve: 30, 35, 40, ____
2. Solve: 16, 20, 24, 28, ____
3. Solve: 15, 18, 21, 27, ____

4. Solve: 4, 6, 8, 10, ___
5. Solve: 14, 21, 28, 35, ___

Answers:

1. 45
2. 32
3. 30
4. 12
5. 42

Week 25 Quiz

1. Solve: 756 + 289
2. Solve: 1,118 + 308
3. Solve: 1,275 + 150
4. Solve: 3,298 + 386
5. Solve: 4,406 + 277

Answers:

1. 1045
2. 1426
3. 1425
4. 3684
5. 4683

Week 26 Quiz

1. Solve 6,784 – 2,997
2. Solve 5,403 – 3,594
3. Solve 6,454 – 2,578
4. Solve 4,902 – 2,853
5. Solve 8,332 – 5,607

Answers:

1. 3787
2. 1809
3. 3876
4. 2049
5. 2725

Week 27 Quiz

Question 1. What do we call the number on the top of a fraction?
a) Denominator

b) Numerator
c) Fractionator

Question 2. If you have eaten one-third of a pizza, which fraction represents the part you have eaten?
a) 1/4
b) 1/2
c) 1/3

Question 3. What do we call the number on the bottom of a fraction?
a) Numerator
b) Fractionator
c) Denominator

Question 4. If you have eaten half of a chocolate bar, which fraction represents the part you have eaten?
a) 1/3
b) 1/4
c) 1/2

Question 5. If you divide a whole into 5 equal parts, each part is called:
a) 1/3
b) 1/5
c) 1/4

Answer Key:

1. b) Numerator
2. c) 1/3
3. c) Denominator
4. c) 1/2
5. b) 1/5

Week 28

Question 1. Compare the fractions 2/5 and 4/5:
a) 2/5 < 4/5
b) 2/5 > 4/5
c) 2/5 = 4/5

Question 2. Compare the fractions 1/4 and 3/4:
a) 1/4 < 3/4
b) 1/4 > 3/4
c) 1/4 = 3/4

Question 3. Compare the fractions 2/6 and 5/6:
a) 2/6 < 5/6
b) 2/6 > 5/6
c) 2/6 = 5/6

Question 4. Compare the fractions 3/7 and 6/7:
a) 3/7 < 6/7
b) 3/7 > 6/7
c) 3/7 = 6/7

Question 5. Compare the fractions 4/8 and 7/8:
a) 4/8 < 7/8
b) 4/8 > 7/8
c) 4/8 = 7/8

Answer Key:

1. a) 2/5 < 4/5
2. a) 1/4 < 3/4
3. a) 2/6 < 5/6
4. a) 3/7 < 6/7
5. a) 4/8 < 7/8

Week 29

Question 1. Which hand on the clock tells us the minute?
a) Hour hand
b) Second hand
c) Minute hand

Question 2. If the minute hand is pointing at the 3, what minute is it?
a) 15
b) 30
c) 45

Question 3. How many minutes are there in one hour?
a) 30
b) 60
c) 120

Question 4. If the hour hand is between 4 and 5 and the minute hand is pointing at the 6, what time is it approximately?
a) 4:30
b) 5:30
c) 6:00

Question 5. How many times does the minute hand go around the clock in one hour?
a) Once
b) Twice
c) Twelve times

Answer Key:

1. c) Minute hand
2. a) 15
3. b) 60
4. a) 4:30
5. a) Once

Week 30

Question 1. Which of the following is commonly used to measure the volume of milk or juice?
a) Kilogram
b) Liter
c) Meter

Question 2. If you have a small bottle of water, it is most likely measured in:
a) Gallons
b) Milliliters
c) Pounds

Question 3. Which container can hold more liquid?
a) A cup
b) A pint
c) A teaspoon

Question 4. Which of the following is the smallest unit of liquid volume?
a) Milliliter
b) Liter
c) Gallon

Question 5. If you're baking and the recipe calls for a small amount of vanilla extract, you would most likely measure it in:
a) Cups
b) Tablespoons
c) Gallons

Answer Key:

1. b) Liter
2. b) Milliliters
3. b) A pint
4. a) Milliliter
5. b) Tablespoons

Week 31

Question 1. What is the purpose of the title in a bar graph?
a) To show the numbers
b) To explain what the graph is about
c) To show the colors of the bars

Question 2. On a bar graph, what does the vertical axis (the one that goes up and down) usually show?
a) The categories we are comparing
b) The title of the graph
c) The number or amount of each category

Question 3. If you were making a bar graph to show the number of apples, bananas, and cherries you have, what would you put on the horizontal axis (the one that goes left to right)?
a) The number of each fruit
b) The names of the fruits
c) The title of the graph

Question 4. Why is it important for the bars in a bar graph to be the same width?
a) So the graph looks pretty
b) So it's easier to draw
c) So that the height of the bar accurately shows the number or amount

Question 5. What should you do if you have a lot more of one item than another when making a bar graph?
a) Make the bar for that item thicker
b) Make the bar for that item taller
c) Use a different color for that bar

Answer Key:

1. b) To explain what the graph is about
2. c) The number or amount of each category
3. b) The names of the fruits
4. c) So that the height of the bar accurately shows the number or amount
5. b) Make the bar for that item taller

Week 32

Question 1. What is the perimeter of a shape?
a) The area inside the shape
b) The distance around the shape
c) The number of sides the shape has

Question 2. How do you find the perimeter of a rectangle?
a) Add up the lengths of all four sides
b) Multiply the length by the width
c) Count the number of corners

Question 3. If one side of a square is 5 units long, how would you find the perimeter?
a) Add 5 four times
b) Multiply 5 by 2
c) Multiply 5 by 5

Question 4. Why is it important to use the same units (like inches or centimeters) when finding the perimeter?
a) Because it's a rule
b) To make the shape look nice
c) So that the measurements make sense when added together

Question 5. If you are given three sides of a rectangle, how can you find the fourth side to determine the perimeter?
a) Guess the length of the fourth side
b) Use the given width as the fourth side if you have the length and vice versa
c) Multiply the three sides together

Answer Key:

1. b) The distance around the shape
2. a) Add up the lengths of all four sides
3. a) Add 5 four times
4. c) So that the measurements make sense when added together
5. b) Use the given width as the fourth side if you have the length and vice versa

Week 33

1. What is the area of a square with a side of 2 inches?
2. What is the area of a square with a side of 4 inches?
3. What is the area of a square with a side of 6 inches?
4. What is the area of a rectangle with a width of 2 inches and a length of 6 inches?
5. What is the area of a rectangle with a width of 4 inches and a length of 7 inches?

Answers:

1. 4 square inches
2. 16 square inches
3. 36 square inches
4. 12 square inches
5. 28 square inches

Week 34

1. What is the area of a right triangle with a base of 3 inches and a height of 6 inches?
2. What is the area of a right triangle with a base of 2 inches and a height of 8 inches?
3. What is the area of a right triangle with a base of 4 inches and a height of 9 inches?
4. What is the area of a right triangle with a base of 5 inches and a height of 10 inches?
5. What is the area of a right triangle with a base of 6 inches and a height of 9 inches?

Answers:

1. 9 square inches
2. 8 square inches

3.18 square inches
4. 25 square inches
5. 27 square inches

Week 35

Question 1. Which of the following is a 3D shape?
a) Circle
b) Square
c) Cube

Question 2. What 3D shape has only one face that is a circle and one curved surface?
a) Sphere
b) Cylinder
c) Cone

Question 3. Which 3D shape looks like a can of soup?
a) Sphere
b) Cylinder
c) Pyramid

Question 4. What 3D shape has a square base and four triangular faces?
a) Pyramid
b) Cube
c) Prism

Question 5. Which 3D shape has all its faces as squares?
a) Cube
b) Sphere
c) Cylinder

Answer Key:

1. c) Cube
2. b) Cylinder
3. b) Cylinder
4. a) Pyramid
5. a) Cube

Week 36

1. $15 \div 5$

2. $45 \div 9$

3. $56 \div 7$

4. $48 \div 6$

5. 54 ÷ 6

Answers:

1. 3
2. 5
3. 8
4. 8
5. 9

Week 37

Question 1. Which fraction represents half of a whole?
a) 1/3
b) 1/4
c) ½

Question 2. If you eat 1 out of 4 slices of a pizza, which fraction represents the part you ate?
a) 1/3
b) 1/4
c) ½

Question 3. Which fraction represents a whole thing or item?
a) 1/1
b) 1/2
c) 1/3

Question 4. If you divide a chocolate bar into 3 equal parts and eat one part, which fraction represents the part you ate?
a) 1/3
b) 1/2
c) ¼

Question 5. Which fraction represents a quarter of a whole?
a) 1/2
b) 1/3
c) 1/4

Answer Key

1. c) 1/2
2. b) 1/4
3. a) 1/1
4. a) 1/3
5. c) 1/4