1. a) b)

What has been divided into sets? What has been divided into sets?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How many sets? \_\_\_\_\_\_\_\_\_\_ How many sets? \_\_\_\_\_\_\_\_\_

How many in each set? \_\_\_\_\_\_\_\_\_\_ How many in each set? \_\_\_\_\_\_\_\_\_

2. Draw dots for the things being shared or divided equally. Draw circles for the sets.

a) 12 people; 3 tables b) 15 books; 5 books on each shelf

How many people at each table? \_\_\_\_\_ How many shelves? \_\_\_\_\_

3. Write an addition equation, multiplication equation, and division equation for the picture.

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4. Find the answer by skip counting.

a) 20 ÷ 5 = \_\_\_\_\_ b) 45 ÷ 5 = \_\_\_\_\_

c) 21 ÷ 3 = \_\_\_\_\_ d) 24 ÷ 4 = \_\_\_\_\_

**BONUS**►

a) Emma has 20 stickers. She puts 4 on each page of her book. How many pages does she use?

b) Three friends share 9 cookies. How many cookies does each person have?

|  |  |  |
| --- | --- | --- |
| 1. | a) | apples, 3, 2 |
|  | b) | pencils, 2, 3 |
| 2. | Teacher to check pictures. | |
|  | a) | 4 |
|  | b) | 3 |
| 3. | 4 + 4 + 4 + 4 + 4 = 20 4 × 5 = 20 20 ÷ 5 = 4 | |
| 4. | a) | 4 |
|  | b) | 9 |
|  | c) | 7 |
|  | d) | 6 |
| **BONUS** | |  |
|  | a) | 5 |
|  | b) | 3 |
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1. Find the answer to the division problem by first finding the answer to the multiplication problem.

a) 5 × \_\_\_\_\_ = 20 b) 3 × \_\_\_\_\_ = 24 c) 5 × \_\_\_\_\_ = 15

20 ÷ 5 = \_\_\_\_\_ 24 ÷ 3 = \_\_\_\_\_ 15 ÷ 5 = \_\_\_\_\_

2. Write a multiplication or division equation to solve the problem.

a) 16 things in total b) 4 groups c) 20 things in total

2 things in each set 3 things in each group 5 sets

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How many sets? How many things in total? How many things in each set?

\_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

3. Find the unit rate.

a) 2 books cost $12. b) 4 cans of tuna cost $12. c) 24 km in 3 hours

1 book costs \_\_\_\_\_. 1 can costs \_\_\_\_\_. \_\_\_\_ km in 1 hour

4. Write a multiplication equation for the situation.

a) There are 4 circles. There are 3 times b) There are 5 circles. There are 7 times

as many squares as circles. as many squares as circles.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. Share the dots as equally as possible. Draw a picture and write a division equation.

a) 12 dots in 5 circles b) 10 dots in 3 circles

**BONUS**►There are 28 red marbles. There are 4 times as many red marbles as blue marbles.

How many blue marbles are there?

|  |  |  |
| --- | --- | --- |
| 1. | a) | 4, 4 |
|  | b) | 8, 8 |
|  | c) | 3, 3 |
| 2. | a) | 16 ÷ 2 = 8, 8 |
|  | b) | 4 × 3 = 12, 12 |
|  | c) | 20 ÷ 5 = 4, 4 |
| 3. | a) | $6 |
|  | b) | $3 |
|  | c) | 8 |
| 4. | a) | 4 × 3 = 12 |
|  | b) | 5 × 7 = 35 |
| 5. | Teacher to check pictures. | |
|  | a) | 12 ÷ 5 = 2  Remainder 2 |
|  | b) | 10 ÷ 3 = 3  Remainder 1 |
| **BONUS** | | 7 |
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1. Draw blocks to divide.

a) 46 ÷ 2 = \_\_\_\_ b) 45 ÷ 3 = \_\_\_\_

2. Divide.

a) 60 ÷ 5 = \_\_\_\_ b) 70 ÷ 7 = \_\_\_\_

c) 80 ÷ 4 = \_\_\_\_ d) 90 ÷ 3 = \_\_\_\_

3. Divide one place value at a time.

a) 84 ÷ 4 = ( \_\_\_\_ ÷ \_\_\_\_ ) + ( \_\_\_\_ ÷ \_\_\_\_ ) b) 63 ÷ 3 = ( \_\_\_\_ ÷ \_\_\_\_ ) + ( \_\_\_\_ ÷ \_\_\_\_ )

= \_\_\_\_ + \_\_\_\_ = \_\_\_\_ + \_\_\_\_

= \_\_\_\_ = \_\_\_\_

c) 68 ÷ 2 = ( \_\_\_\_ ÷ \_\_\_\_ ) + ( \_\_\_\_ ÷ \_\_\_\_ ) d) 39 ÷ 3 = ( \_\_\_\_ ÷ \_\_\_\_ ) + ( \_\_\_\_ ÷ \_\_\_\_ )

= \_\_\_\_ + \_\_\_\_ = \_\_\_\_ + \_\_\_\_

= \_\_\_\_ = \_\_\_\_

4. Divide.

a) 90 ÷ 10 = \_\_\_\_ b) 340 ÷ 10 = \_\_\_\_

c) 700 ÷ 100 = \_\_\_\_ d) 1500 ÷ 100 = \_\_\_\_

5. Divide one place value at a time.

a) 66 ÷ 3 = ( \_\_\_\_ ÷ 3) + ( \_\_\_\_ ÷ 3) b) 54 ÷ 2 = ( \_\_\_\_ ÷ 2) + ( \_\_\_\_ ÷ 2)

= \_\_\_\_ + \_\_\_\_ = \_\_\_\_ + \_\_\_\_

= \_\_\_\_ = \_\_\_\_

**BONUS**► 276 ÷ 2 = ( \_\_\_\_ ÷ 2) + ( \_\_\_\_ ÷ 2) + ( \_\_\_\_ ÷ 2)

= \_\_\_\_ + \_\_\_\_ + \_\_\_\_ = \_\_\_\_

6. 84 flowers are divided into 3 flowers beds. How many flowers are in each bed?

**BONUS**►What is 2483 ÷ 1? Explain how you know.

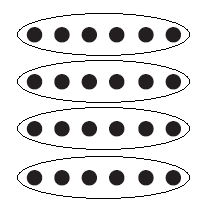
|  |  |  |
| --- | --- | --- |
| 1. | Teacher to check pictures. | |
|  | a) | 23 |
|  | b) | 15 |
| 2. | a) | 14 |
|  | b) | 10 |
|  | c) | 20 |
|  | d) | 30 |
| 3. | a) | 80, 4, 4, 4 20, 1 21 |
|  | b) | 60, 3, 3, 3 20, 1 21 |
|  | c) | 60, 2, 8, 2 30, 4 34 |
|  | d) | 30, 3, 9, 3 10, 3 13 |
| 4. | a) | 9 |
|  | b) | 34 |
|  | c) | 7 |
|  | d) | 15 |
| 5. | a) | 60, 6  20, 2  22 |
|  | b) | 50, 4  25, 2  27 |
|  | **BONUS** | |
|  |  | 200, 70, 6  100, 35, 3  138 |
| 6. | 28 |  |
| **BONUS** | | 2483  Any number divided by 1 is itself. |
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1. Draw dots for the things being shared or divided equally. Draw circles for the sets.

a) 15 people sit at 3 tables b) 12 books in total; 4 books on each shelf

How many people at each table? \_\_\_\_ How many shelves? \_\_\_\_

2. Write an addition equation, a multiplication equation, and a division equation for the picture.



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\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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3. Find the answer to the division problem by first finding the answer to the multiplication problem.

a) 5 × \_\_\_\_ = 40 b) 3 × \_\_\_\_ = 18 c) 4 × \_\_\_\_ = 24

40 ÷ 5 = \_\_\_\_ 18 ÷ 3 = \_\_\_\_ 24 ÷ 4 = \_\_\_\_

4. Find the unit rate.

a) 2 eggs to 4 cups of flour b) 3 cans of tuna cost $9 c) 32 km in 4 hours

1 egg to \_\_\_\_ cups of flour 1 can costs \_\_\_\_ \_\_\_\_ km in 1 hour

5. Share the dots as equally as possible. Draw a picture and write a division equation.

a) 21 dots in 4 circles b) 14 dots in 3 circles

6. Draw blocks to divide.

a) 34 ÷ 2 = \_\_\_\_ b) 36 ÷ 3 = \_\_\_\_

7. Divide one place value at a time.

a) 96 ÷ 3 = ( \_\_\_\_ ÷ 3) + ( \_\_\_\_ ÷ 3) b) 76 ÷ 2 = ( \_\_\_\_ ÷ \_\_\_\_ ) + ( \_\_\_\_ ÷ \_\_\_\_ )

= \_\_\_\_ + \_\_\_\_ = \_\_\_\_ + \_\_\_\_

= \_\_\_\_ = \_\_\_\_

c) 64 ÷ 4 = ( \_\_\_\_ ÷ \_\_\_\_ ) + ( \_\_\_\_ ÷ \_\_\_\_ )

= \_\_\_\_ + \_\_\_\_ = \_\_\_\_

8. Anton has 19 marbles, Liz has 23 marbles, and Shelly has 29 marbles. Can they

share the marbles equally? How many marbles will each person get? What can they

do with the remainder?

9. Divide.

a) 60 ÷ 5 = \_\_\_\_ b) 70 ÷ 7 = \_\_\_\_ c) 30 ÷ 10 = \_\_\_\_

d) 50 ÷ 2 = \_\_\_\_ e) 60 ÷ 4 = \_\_\_\_ f) 35 ÷ 5 = \_\_\_\_

10. A rectangular patio floor is covered with 72 tiles in 6 rows. How many tiles are in each row?

\_\_\_\_\_\_\_\_\_ + \_\_\_\_

6

So, there are \_\_\_\_ tiles in each row.

**BONUS**► Thirty-five flowers are divided into 3 flowers beds. All 35 flowers are planted.

If the flowers are distributed as evenly as possible, how many flowers are in each

of the 3 beds? Explain your answer.

|  |  |  |
| --- | --- | --- |
| 1. | Teacher to check pictures. | |
|  | a) | 5 |
|  | b) | 3 |
| 2. | 6 + 6 + 6 + 6 = 24 6 × 4 = 24 24 ÷ 6 = 4 or 24 ÷ 4 = 6 | |
| 3. | a) | 8, 8 |
|  | b) | 6, 6 |
|  | c) | 6, 6 |
| 4. | a) | 2 |
|  | b) | $3 |
|  | c) | 8 |
| 5. | Teacher to check pictures. | |
|  | a) | 21 ÷ 4 = 5 Remainder 1 |
|  | b) | 14 ÷ 3 = 4 Remainder 2 |
| 6. | Teacher to check pictures. | |
|  | a) | 17 |
|  | b) | 12 |
| 7. | a) | 90, 6  30, 2  32 |
|  | b) | 70, 2, 6, 2  35, 3  38 |
|  | c) | 60, 4, 4, 4  15, 1  16 |
| 8. | The marbles cannot be shared equally. They each get 23 marbles. The remainder cannot be shared. | |
| 9. | a) | 12 |
|  | b) | 10 |
|  | c) | 3 |
|  | d) | 25 |
|  | e) | 15 |
|  | f) | 7 |
| 10. | 12  Sample solution: | |
| **BONUS** | |  |
|  | 12, 12, and 11 Sample explanation: 35 ÷ 3 = 11 R 2, so to plant all of the flowers, plant 11 flowers in each bed and distribute the remainder as evenly as possible. | |