MATH

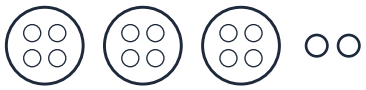
Division with remainders

Name _____ Date _____

I can divide and find the remainder.

1 How it works

Sometimes things do not share evenly. 14 ÷ 3 = 4 R2: each group gets 4, and 2 are left over. The remainder is always smaller than the number you divide by.



14 ÷ 3 = 4 R2

2 Circle equal groups. How many are left over?

26 ÷ 4



= ☐ R ☐

29 ÷ 5



= ☐ R ☐

33 ÷ 5



= ☐ R ☐

How did I do? ☆ ☆ ☆

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Divide with remainders

Name _____ Date _____

I can find the quotient and the remainder.

1 Solve. Write the remainder after R.

The remainder is smaller than the divisor.

68 ÷ 9 = ☐ R ☐

33 ÷ 4 = ☐ R ☐

22 ÷ 3 = ☐ R ☐

17 ÷ 2 = ☐ R ☐

75 ÷ 8 = ☐ R ☐

23 ÷ 5 = ☐ R ☐

73 ÷ 8 = ☐ R ☐

30 ÷ 4 = ☐ R ☐

21 ÷ 4 = ☐ R ☐

42 ÷ 9 = ☐ R ☐

41 ÷ 8 = ☐ R ☐

9 ÷ 4 = ☐ R ☐

35 ÷ 8 = ☐ R ☐

44 ÷ 6 = ☐ R ☐

How did I do? ☆ ☆ ☆

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What does the remainder mean?

Name _____ Date _____

I can decide what to do with a remainder.

1 Read the story. Circle the best answer.

22 children ride in cars that hold 4. How many cars are needed?

5 | 6 | 5 R2

A ribbon is 17 inches long. How many 5-inch pieces can you cut?

3 | 4 | 3 R2

30 stickers are shared by 4 friends. How many does each get?

7 | 8 | 7 R2

A box holds 6 eggs. How many boxes do you need for 40 eggs?

6 | 7 | 6 R4

How did I do? ☆ ☆ ☆

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Word problems

Name _____ Date _____

I can use division to solve problems.

1 Read, think, answer

Draw groups or use the steps if it helps.

1 Omar shares 28 apples equally into 6 bags. How many in each, and how many are left over?

Answer:

2 28 children are going on a trip. Each car holds 6. How many cars are needed?

Answer:

3 Zara bakes 23 cookies and packs 4 in each bag. How many full bags are there?

Answer:

4 What is 29 ÷ 6? Write the answer with a remainder.

Answer:

How did I do? ☆ ☆ ☆

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FOR TEACHERS AND PARENTS

Answer key: division with remainders

1 Page 1

Leftovers: 26 ÷ 4 = 6 R2, 29 ÷ 5 = 5 R4, 33 ÷ 5 = 6 R3.

2 Page 2

Remainders: 68 ÷ 9 = 7 R5, 33 ÷ 4 = 8 R1, 22 ÷ 3 = 7 R1, 17 ÷ 2 = 8 R1, 75 ÷ 8 = 9 R3, 23 ÷ 5 = 4 R3, 73 ÷ 8 = 9 R1, 30 ÷ 4 = 7 R2, 21 ÷ 4 = 5 R1, 42 ÷ 9 = 4 R6, 41 ÷ 8 = 5 R1, 9 ÷ 4 = 2 R1, 35 ÷ 8 = 4 R3, 44 ÷ 6 = 7 R2.

3 Page 3

Remainders: 1) 6 (round up so everyone rides); 2) 3 (the 2 inches left are too short); 3) 7 (2 stickers are left over); 4) 7 (round up for the last 4 eggs).

4 Page 4: word problems

1) 4 in each, 4 left over (28 ÷ 6 = 4 R4)
2) 5 cars (4 are full, and 1 more for the 4 left)
3) 5 full bags (23 ÷ 4 = 5 R3)
4) 4 R5

5 Teaching tip

In word problems, ask what the leftovers mean. If 22 children ride in cars of 4, the 2 left over still need a car, so the answer is 6 cars.

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