Name _____ Date Answer Key

Division with Repeated Subtraction

Repeated subtraction is a strategy for solving division problems.

Example: 12 ÷ 4 = 3

12 - 4 = 8
8 - 4 = 4
4 - 4 = 0

4 was subtracted **3** times. So 12 ÷ 4 = 3

Directions: Use repeated subtraction as seen in the example above to solve the following division problems.

1

18 ÷ 2 = 9

18 - 2 = 16
16 - 2 = 14
14 - 2 = 12
12 - 2 = 10
10 - 2 = 8
8 - 2 = 6
6 - 2 = 4
4 - 2 = 2
2 - 2 = 0

2 was subtracted 9 times

2

12 ÷ 3 = 4

12 - 3 = 9
9 - 3 = 6
6 - 3 = 3
3 - 3 = 0

3 was subtracted 4 times

3

16 ÷ 4 = 4

16 - 4 = 12
12 - 4 = 8
8 - 4 = 4
4 - 4 = 0

4 was subtracted 4 times

4

24 ÷ 6 = 4

24 - 6 = 18
18 - 6 = 12
12 - 6 = 6
6 - 6 = 0

6 was subtracted 4 times

5

10 ÷ 2 = 5

10 - 2 = 8
8 - 2 = 6
6 - 2 = 4
4 - 2 = 2
2 - 2 = 0

2 was subtracted 5 times

6

21 ÷ 7 = 3

21 - 7 = 14
14 - 7 = 7
7 - 7 = 0

7 was subtracted 3 times

7

8 ÷ 4 = 2

8 - 4 = 4
4 - 4 = 0

4 was subtracted 2 times

8

15 ÷ 5 = 3

15 - 5 = 10
10 - 5 = 5
5 - 5 = 0

5 was subtracted 3 times

9

9 ÷ 3 = 3

9 - 3 = 6
6 - 3 = 3
3 - 3 = 0

3 was subtracted 3 times

10

32 ÷ 8 = 4

32 - 8 = 24
24 - 8 = 16
16 - 8 = 8
8 - 8 = 0

8 was subtracted 4 times