

## 3.OA.B.4 Comparing Products and Quotients

3.OA.B.4: Find all factor pairs for a whole number in the range 1-100. Recognize that a whole number is a multiple of each of its factors. Determine whether a given whole number in the range 1-100 is a multiple of a given one-digit number. Determine whether a given whole number in the range 1-100 is prime or composite.

Find what is missing in each number sentence.

1.  $6 \times \underline{\quad} = 24$

2.  $42 \div 6 = \underline{\quad}$

3.  $35 \div 5 = \underline{\quad}$

4.  $16 \div 4 = \underline{\quad}$

5.  $40 \div 8 = \underline{\quad}$

6.  $0 \div 5 = \underline{\quad}$

7.  $4 \times \underline{\quad} = 28$

8.  $1 \times \underline{\quad} = 6$

9.  $15 \div 3 = \underline{\quad}$

10.  $5 \times \underline{\quad} = 45$

11.  $45 \div 9 = \underline{\quad}$

12.  $18 \div 2 = \underline{\quad}$

Compare the following. Write  $<$ ,  $>$ , or  $=$  on the space provided.

13.  $6 \times 2 \underline{\quad} 24 \div 2$

14.  $36 \div 6 \underline{\quad} 6 \times 3$

15.  $45 \div 5 \underline{\quad} 20 \div 2$

16.  $16 \div 4 \underline{\quad} 4 \times 2$

17.  $40 \div 5 \underline{\quad} 5 \times 2$

18.  $10 \div 5 \underline{\quad} 5 \times 3$

19.  $14 \times 3 \underline{\quad} 28 \times 2$

20.  $1 \times 7 \underline{\quad} 7 \div 1$

21.  $15 \div 5 \underline{\quad} 1 \times 3$

Write a word problem for this number sentence.  $54 \times 6 = 9$

Answer:

### 3.OA.B.4 Comparing Products and Quotients

### Answer Key

3.OA.B.4: Find all factor pairs for a whole number in the range 1-100. Recognize that a whole number is a multiple of each of its factors. Determine whether a given whole number in the range 1-100 is a multiple of a given one-digit number. Determine whether a given whole number in the range 1-100 is prime or composite.

Find what is missing in each number sentence.

1.  $6 \times \underline{4} = 24$

2.  $42 \div 6 = \underline{7}$

3.  $35 \div 5 = \underline{7}$

4.  $16 \div 4 = \underline{4}$

5.  $40 \div 8 = \underline{5}$

6.  $0 \div 5 = \underline{0}$

7.  $4 \times \underline{7} = 28$

8.  $1 \times \underline{6} = 6$

9.  $15 \div 3 = \underline{5}$

10.  $5 \times \underline{9} = 45$

11.  $45 \div 9 = \underline{5}$

12.  $18 \div 2 = \underline{9}$

Compare the following. Write  $<$ ,  $>$ , or  $=$  on the space provided.

13.  $6 \times 2 \underline{=} 24 \div 2$

14.  $36 \div 6 \underline{<} 6 \times 3$

15.  $45 \div 5 \underline{<} 20 \div 2$

16.  $16 \div 4 \underline{<} 4 \times 2$

17.  $40 \div 5 \underline{<} 5 \times 2$

18.  $10 \div 5 \underline{<} 5 \times 3$

19.  $14 \times 3 \underline{<} 28 \times 2$

20.  $1 \times 7 \underline{=} 7 \div 1$

21.  $15 \div 5 \underline{=} 1 \times 3$

Write a word problem for this number sentence.  $54 \div 6 = 9$

Answer:

A class of 54 students will be divided into 6 groups. Find the number of students in each group.

Note: Answer may vary.