

Name _____

Division Facts

Danielle has 20 figurines. She wants to put the figurines in equal numbers on four shelves. How many figurines can she put on a shelf?

We use division to show how many equal groups or how many items are in each group.

Think: 20 figurines divided among 4 shelves = n . $20 \div 4 = n$

You know that $4 \times 5 = 20$, so $20 \div 4 = 5$. $n = 5$

Danielle can put 5 figurines on each shelf.

A **fact family** shows all the related multiplication and division facts for a set of numbers. This is the fact family for 4, 5, and 20.

$$4 \times 5 = 20 \quad 5 \times 4 = 20 \quad 20 \div 4 = 5 \quad 20 \div 5 = 4$$

1. $25 \div 5$ **2.** $16 \div 4$ **3.** $10 \div 2$ **4.** $42 \div 6$ **5.** $45 \div 9$

6. $2 \overline{)8}$ **7.** $6 \overline{)30}$ **8.** $4 \overline{)12}$ **9.** $7 \overline{)28}$ **10.** $5 \overline{)35}$

Write the family of facts for each set of numbers.

11. 2, 8, 16

12. 3, 6, 18

13. 3, 9, 27

Algebra Find each missing number.

14. $27 \div 3 = n$

15. $a \times 3 = 6$

16. $10 \times m = 50$

17. $64 \div u = 8$
