

Splitting a number of items into equal groups is called **division**.

If you know the total number of items and the number of items in each group...

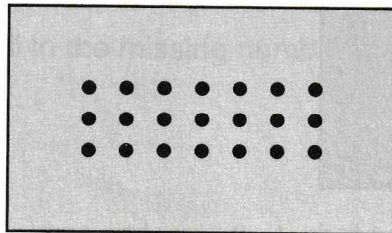
...you can divide to find the number of groups.



PRACTICE

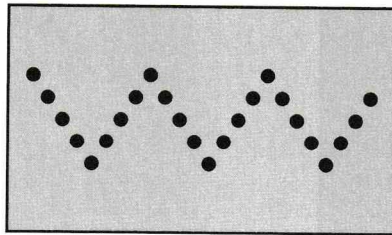
Use the dot patterns to help you solve each division problem below.

1. If the 21 dots in the pattern below are divided into groups of 3, how many groups will there be?



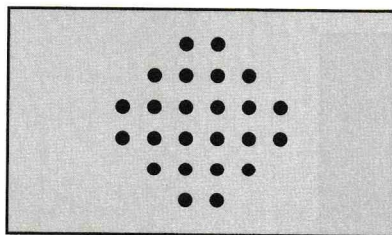
1. _____

2. If the 24 dots in the pattern below are divided into groups of 4, how many groups will there be?



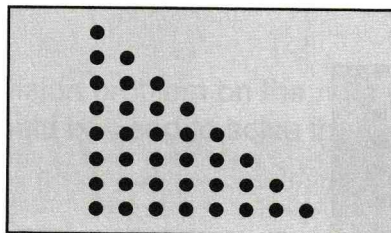
2. _____

3. If the 24 dots in the pattern below are divided into groups of 8, how many groups will there be?



3. _____

4. If the 36 dots in the pattern below are divided into groups of 9, how many groups will there be?



4. _____

If you know the total number of items, and the number of groups...

...you can divide to find the number of items in each group.

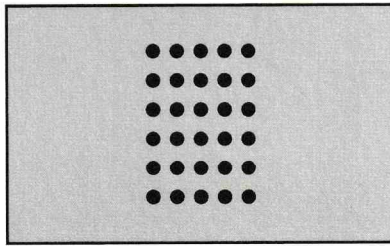


PRACTICE

Use the dot patterns to help you solve each division problem below.

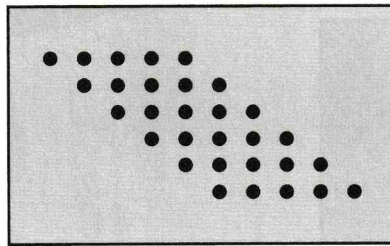
5. If the 30 dots in the pattern below are divided into 6 equal groups, how many dots will be in each group?

5. _____



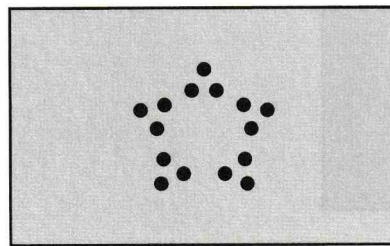
6. If the 30 dots in the pattern below are divided into 3 equal groups, how many dots will be in each group?

6. _____



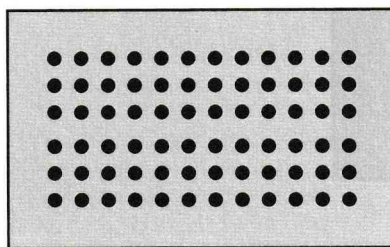
7. If the 15 dots in the pattern below are divided into 5 equal groups, how many dots will be in each group?

7. _____



8. If the 72 dots in the pattern below are divided into 8 equal groups, how many dots will be in each group?

8. _____



EXAMPLES

Fill in the missing number in the equation below.

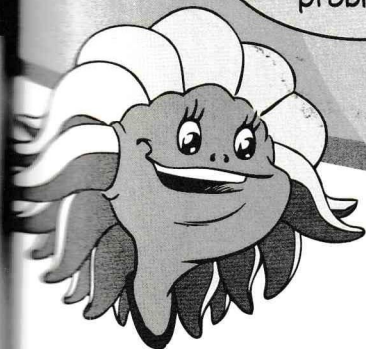
$$30 \div 5 = \square$$

We can use multiplication facts to solve division problems!

To divide $30 \div 5$, we find the number that can be multiplied by 5 to get 30.

We can use the multiplication fact

$$\square \times 5 = 30 \text{ to see that } 30 \div 5 = \square$$



PRACTICE

Fill in the missing number in each equation below.

9. $8 \times \square = 24$

17. $35 \div 7 = \square$

10. $9 \times \square = 36$

18. $60 \div 10 = \square$

11. $\square \times 7 = 35$

19. $36 \div 9 = \square$

12. $5 \times \square = 10$

20. $42 \div 6 = \square$

13. $\square \times 3 = 27$

21. $10 \div 5 = \square$

14. $2 \times \square = 20$

22. $27 \div 3 = \square$

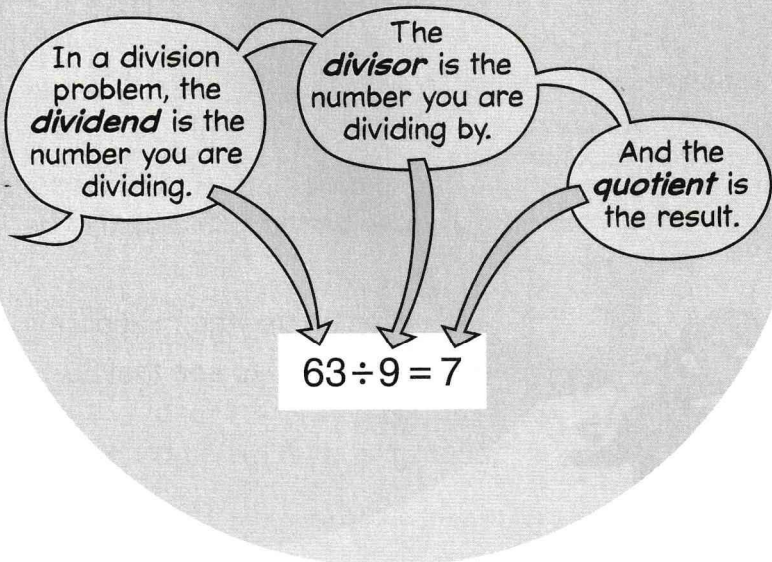
15. $\square \times 6 = 42$

23. $24 \div 8 = \square$

16. $10 \times \square = 60$

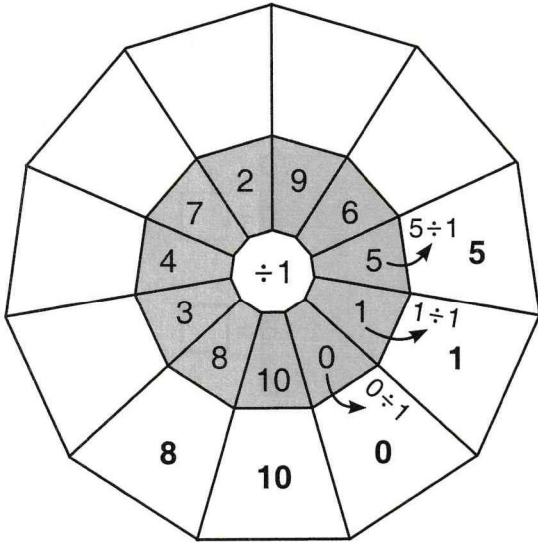
24. $20 \div 2 = \square$

25. Connect each division problem on the right to the multiplication fact on the left that could be used to solve it.

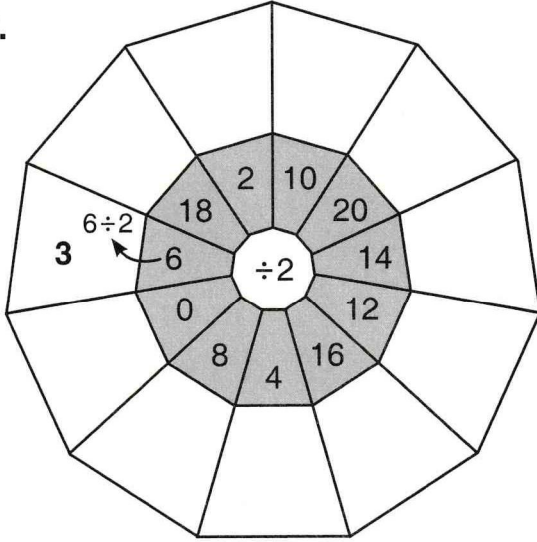


PRACTICE Practice your division facts with the division wheels below. Divide each dividend in the shaded area by the divisor in the middle.

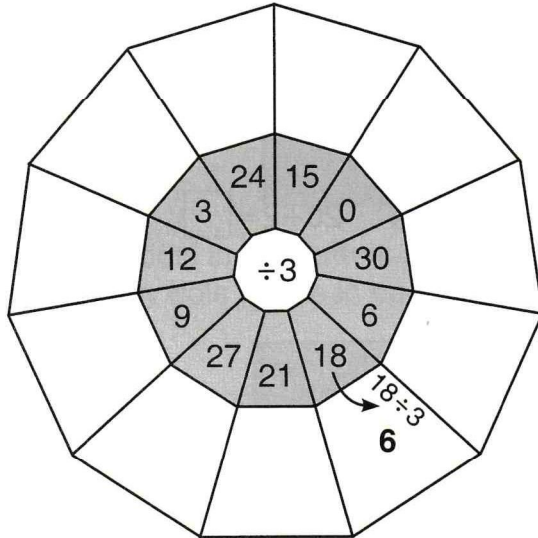
26.



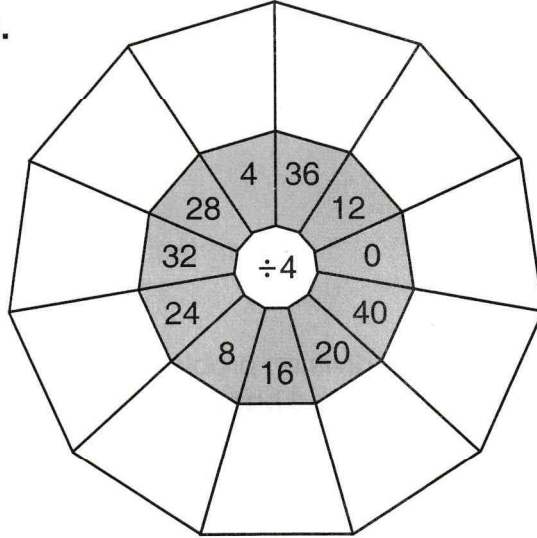
27.



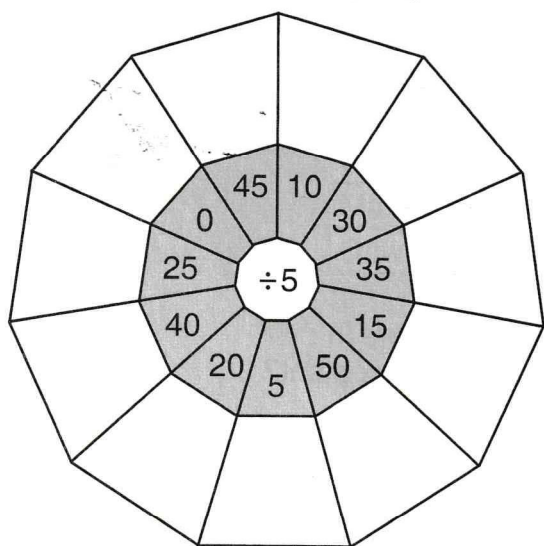
28.



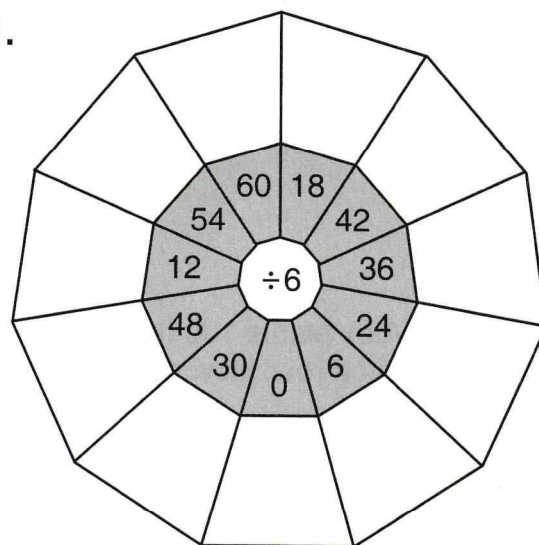
29.



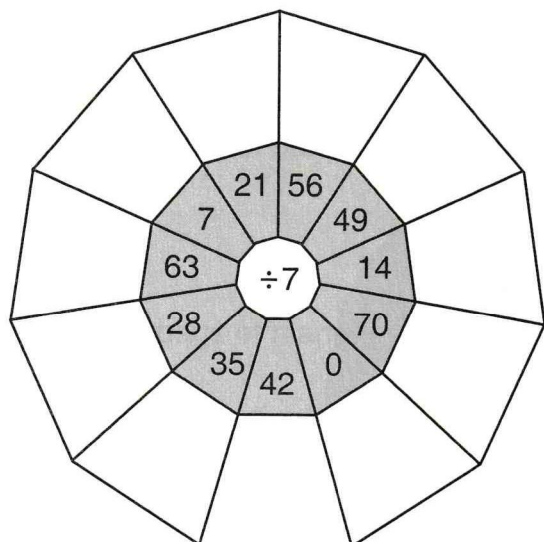
30.



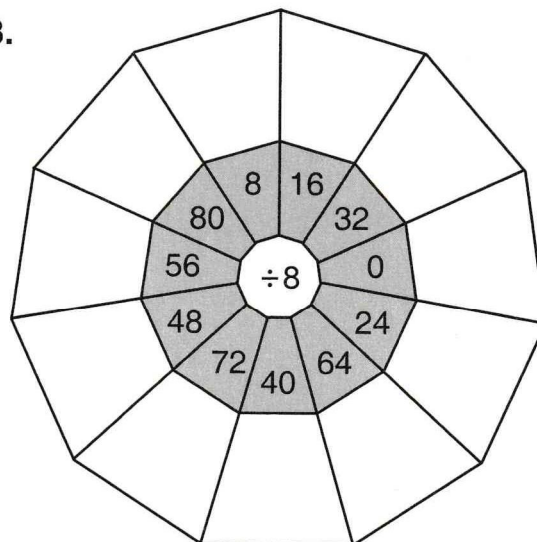
31.



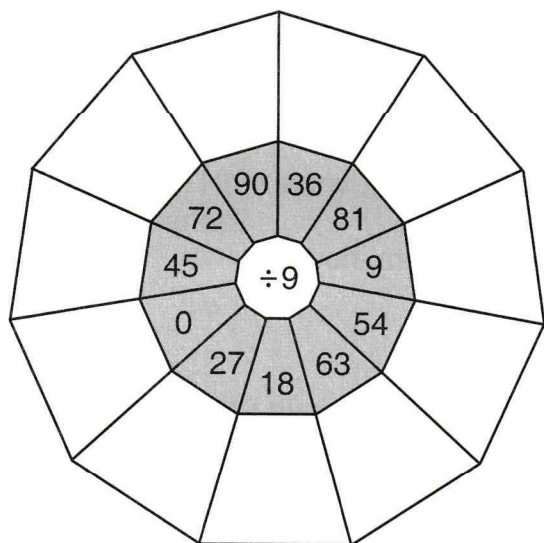
32.



33.



34.



35.

