

Name _____

Lesson 7-3

Dividing by 6 or 7

Mr. Lopez spent \$24 on concert tickets for his family. How many tickets did he buy?

It's Algebra!

We want to know the number of tickets Mr. Lopez bought.

He spent _____ on all the tickets.

Each ticket cost _____.

To find the number of tickets, we divide _____ by _____.

$$\square \times 6 = 24$$

$$6 \times \square = 24$$

$$\$24 \div \$6 = \underline{\hspace{2cm}} \text{ or } \$6 \overline{) \$24}$$

Mr. Lopez bought _____ tickets.



Getting Started

Divide.

1. $54 \div 6 = \underline{\hspace{2cm}}$ 2. $28 \div 7 = \underline{\hspace{2cm}}$ 3. $42 \div 6 = \underline{\hspace{2cm}}$ 4. $14 \div 7 = \underline{\hspace{2cm}}$

5. $56 \div 7 = \underline{\hspace{2cm}}$ 6. $18 \div 6 = \underline{\hspace{2cm}}$ 7. $30 \div 6 = \underline{\hspace{2cm}}$ 8. $42 \div 7 = \underline{\hspace{2cm}}$

9. $6 \overline{) 12}$

10. $6 \overline{) 24}$

11. $7 \overline{) 21}$

12. $7 \overline{) 35}$

13. $7 \overline{) 49}$

14. $6 \overline{) 36}$

15. $7 \overline{) 63}$

16. $6 \overline{) 48}$

17. $6 \overline{) 42}$

18. $2 \overline{) 14}$

19. $7 \overline{) 56}$

20. $6 \overline{) 54}$

Practice

Divide.

- | | | | |
|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. $24 \div 3 = \underline{\quad}$ | 2. $28 \div 4 = \underline{\quad}$ | 3. $35 \div 7 = \underline{\quad}$ | 4. $30 \div 6 = \underline{\quad}$ |
| 5. $12 \div 6 = \underline{\quad}$ | 6. $16 \div 2 = \underline{\quad}$ | 7. $14 \div 7 = \underline{\quad}$ | 8. $56 \div 7 = \underline{\quad}$ |
| 9. $54 \div 6 = \underline{\quad}$ | 10. $63 \div 7 = \underline{\quad}$ | 11. $24 \div 6 = \underline{\quad}$ | 12. $28 \div 7 = \underline{\quad}$ |
| 13. $18 \div 6 = \underline{\quad}$ | 14. $28 \div 4 = \underline{\quad}$ | 15. $42 \div 7 = \underline{\quad}$ | 16. $36 \div 6 = \underline{\quad}$ |

Copy and divide.

- | | | | |
|------------------------|------------------------|------------------------|------------------------|
| 17. $6 \overline{)30}$ | 18. $6 \overline{)36}$ | 19. $7 \overline{)21}$ | 20. $7 \overline{)49}$ |
| 21. $6 \overline{)24}$ | 22. $7 \overline{)42}$ | 23. $6 \overline{)18}$ | 24. $7 \overline{)28}$ |
| 25. $7 \overline{)63}$ | 26. $5 \overline{)40}$ | 27. $6 \overline{)54}$ | 28. $6 \overline{)48}$ |
| 29. $7 \overline{)35}$ | 30. $4 \overline{)32}$ | 31. $6 \overline{)42}$ | 32. $7 \overline{)56}$ |

Problem Solving

Solve each problem.

- | | |
|---|---|
| 33. Tickets for the school carnival and dinner were \$7 each. The Johnson family paid \$35 for tickets. How many Johnsons went to the carnival? | 34. Danny bought 3 concert tickets for \$5 each. Marta bought 2 tickets at \$6 each. How much did they pay for all the tickets? |
| 35. Ruth bought 6 albums for \$8 each. Randy bought 7 albums for \$7 each. How much more did Randy spend for his albums? | 36. All children's books were on sale for \$6 each. Rene bought books worth \$30. How many books did Rene buy? |