Dividing by 8 or 9

It's Algebra!

Mrs. Ferris is buying one place setting of dinnerware at a time to complete her set. How much will she pay for one place setting?

We want to find the cost of one place setting.

The sale price is ____ for ____ place settings.

To find the cost of one place setting, we divide ____ by ____.

$\square \times 8 = \$48$ $8 \times \square = \$48$

$48 ÷ 8 = ____ or **8)$48**

Mrs. Ferris will pay ____ for one place setting.

Getting Started

Divide.

1. 64 ÷ 8 = ____
2. 36 ÷ 9 = ____
3. 18 ÷ 9 = ____
4. 45 ÷ 9 = ____
5. 56 ÷ 8 = ____
6. 72 ÷ 8 = ____
7. 48 ÷ 8 = ____
8. 27 ÷ 9 = ____

Copy and divide.

9. 3)15
10. 8)32
11. 9)72
12. 9)54
13. 8)72
14. 9)63
15. 8)24
16. 8)40
17. 8)56
18. 5)45
19. 7)21
20. 4)28

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Practice

Divide.

1. $36 \div 9 =$ ____
2. $42 \div 7 =$ ____
3. $48 \div 8 =$ ____
4. $64 \div 8 =$ ____
5. $27 \div 9 =$ ____
6. $81 \div 9 =$ ____
7. $56 \div 8 =$ ____
8. $16 \div 8 =$ ____
9. $18 \div 9 =$ ____
10. $45 \div 9 =$ ____
11. $25 \div 5 =$ ____
12. $63 \div 9 =$ ____
13. $48 \div 6 =$ ____
14. $24 \div 8 =$ ____
15. $72 \div 8 =$ ____
16. $32 \div 8 =$ ____

Copy and divide.

17. $8\overline{)32}$
18. $8\overline{)16}$
19. $6\overline{)36}$
20. $9\overline{)45}$
21. $9\overline{)63}$
22. $9\overline{)27}$
23. $8\overline{)72}$
24. $8\overline{)24}$
25. $9\overline{)36}$
26. $8\overline{)48}$
27. $4\overline{)16}$
28. $8\overline{)56}$
29. $3\overline{)9}$
30. $9\overline{)54}$
31. $9\overline{)18}$
32. $9\overline{)81}$

Problem Solving

Solve each problem.

33. Katy paid \$24 for 8 scarves. How much did each scarf cost?

34. Phil paid 54¢ for 9 nails. How much did each nail cost?

35. Leigh paid \$40 for 8 baseballs. Later, she sold the baseballs for \$7 each. How much profit did Leigh make on each baseball?

36. There are 9 players on a softball team. All 45 people who came to practice were put on teams. Each team paid a fee of \$8 to use the field. How much was collected from the teams?

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