

Lesson 4 Reteach

Division Patterns

Basic facts and patterns can help you divide multiples of 10. Look at the pattern below:

$$\begin{array}{l} 28 \div 7 = 4 \quad \leftarrow \text{basic fact} \\ 280 \div 7 = 40 \\ 2,800 \div 7 = 400 \\ 28,000 \div 7 = 4,000 \end{array}$$

Find $420 \div 60$.

You can cross out zeros to make division easier. Be sure to cross out the same number of zeros in the dividend and divisor.

$$\begin{array}{l} 42\cancel{0} \div 6\cancel{0} = \\ 42 \div 6 = 7 \end{array}$$

Divide mentally.

1. $630 \div 7 =$ _____
2. $810 \div 90 =$ _____
3. $480 \div 4 =$ _____
4. $240 \div 20 =$ _____
5. $550 \div 50 =$ _____
6. $400 \div 8 =$ _____
7. $360 \div 6 =$ _____
8. $800 \div 10 =$ _____
9. $270 \div 30 =$ _____
10. $4,900 \div 7 =$ _____
11. $5,600 \div 80 =$ _____
12. $6,300 \div 9 =$ _____
13. $2,500 \div 5 =$ _____
14. $1,600 \div 20 =$ _____
15. $900 \div 3 =$ _____
16. $640 \div 80 =$ _____
17. $1,500 \div 30 =$ _____
18. $2,400 \div 6 =$ _____
19. $120 \div 40 =$ _____
20. $150 \div 30 =$ _____
21. $350 \div 5 =$ _____
22. $3,600 \div 60 =$ _____
23. $1,600 \div 80 =$ _____
24. $1,200 \div 20 =$ _____
25. $4,000 \div 8 =$ _____
26. $6,300 \div 90 =$ _____
27. $400 \div 10 =$ _____