YEAR 5 · DIVISION

Dividing by 10, 100 and 1000

Practise dividing whole numbers and decimals using place value.

Name _____ **Date** _____

÷ **Place-value reminder:** when you divide by 10, 100 or 1,000, each digit moves to the right in the place-value chart by 1, 2 or 3 places.

A Divide the whole numbers

Write each answer on the line.

1. 4,800 ÷ 10 = _____
2. 72,000 ÷ 100 = _____
3. 305,000 ÷ 1,000 = _____
4. 960 ÷ 10 = _____
5. 8,400 ÷ 100 = _____
6. 63,000 ÷ 1,000 = _____
7. 125,000 ÷ 10 = _____
8. 90,000 ÷ 1,000 = _____

B Divide the decimals

Take care with the place of each digit.

9. 6.4 ÷ 10 = _____
10. 85.2 ÷ 10 = _____
11. 47.5 ÷ 100 = _____
12. 6.3 ÷ 100 = _____
13. 920.5 ÷ 10 = _____
14. 304.8 ÷ 100 = _____
15. 7.2 ÷ 1,000 = _____
16. 15.6 ÷ 1,000 = _____

C Find the missing number

Fill each box.

17. ☐ ÷ 10 = 64
18. 3,600 ÷ ☐ = 36
19. 8.5 ÷ ☐ = 0.085
20. ☐ ÷ 1,000 = 4.7

D Explain your thinking

21. Rafi says, “5.6 ÷ 100 = 0.56.” Is he correct? Use place value to explain how you know.

22. A number divided by 1,000 equals 0.042. What was the number? _____

Check that each answer makes sense: dividing makes a number smaller.