

Year 5 Numeracy Worksheet

Place Value, Decimals & Multiplication/Division

Name: _____ Date: _____

Section A: Decimals and Place Value Grids

1. Draw a place value grid with columns for Tens, Ones, tenths ($\frac{1}{10}$) and hundredths ($\frac{1}{100}$). Write the number 4.62 in the grid, showing each digit in the correct column.

Answer: _____

2. Write the decimal that matches this fraction: $3 + \frac{5}{10} + \frac{7}{100} =$ _____

Answer: _____

3. Write 8.09 as a fraction using tenths and hundredths (e.g. $\frac{\quad}{10} + \frac{\quad}{100}$).

Answer: _____

Section B: Multiplying and Dividing by 10 and 100

4. $3.45 \times 10 =$ _____

Answer: _____

5. $27.6 \div 100 =$ _____

Answer: _____

6. $0.58 \times 100 =$ _____

Answer: _____

Section C: Adding and Subtracting 0.1 and 0.01

7. $6.24 + 0.1 =$ _____

Answer: _____

8. $6.24 - 0.01 =$ _____

Answer: _____

9. Start at 9.98. Add 0.01 three times. What number do you reach? Show your working.

Answer: _____

Section D: Multiplication, Division, Factors, Multiples, Squares and Cubes

10. List all the factor pairs of 36.

Answer: _____

11. What is the value of 6^2 (6 squared)? What is the value of 3^3 (3 cubed)?

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12. A baker arranges 48 buns into equal rows. Give two different ways she could arrange them (using factor pairs of 48).

Answer: _____

Section E: Doubling and Halving to Multiply and Divide by 4 and 8

13. Use doubling twice to find 17×4 . Show each doubling step.

Answer: _____

14. Use halving twice to find $96 \div 4$. Show each halving step.

Answer: _____

15. A shop sells packs of pencils in boxes of 8. There are 15 boxes. Use doubling to work out the total number of pencils.

Answer: _____

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