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 (1/10) and hundredths (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 + 5/10 + 7/100 = _____

Answer: _____

3. Write 8.09 as a fraction using tenths and hundredths (e.g. ___/10 + ___/100).

Answer: _____

Section B: Multiplying and Dividing by 10 and 100

4. 3.45 × 10 = _____

Answer: _____

5. 27.6 ÷ 100 = _____

Answer: _____

6. 0.58 × 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)?

Cubes

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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 ÷ 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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LIVEWORKSHEETS

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