C4.9 | Counting in Fractions

Name: _____ Date: _____

1. Count in eighths from one eighth to one whole.

$\frac{1}{8}$ _____ , _____ , _____ , _____ , _____ , _____ , _____

2. Count in steps of 0.8 from 0.8 to 8.0.

0.8 _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____

For questions 3–7, calculate and shade the matching amount.

Each bar represents 128 in eight equal parts. Shade left to right.

3. 128 ÷ 8 = _____



4. $\frac{1}{8}$ × 128 = _____



5. 0.125 × 128 = _____



6. 12.5% × 128 = _____



7. $\frac{9}{8}$ × 128 = _____





8. Circle the larger fraction: $\frac{13}{8}$ $1\frac{3}{4}$

9. a) Write each value as a decimal.

   b) Order the original values from smallest to largest.

Value	**0.38**	**35%**	**0.53**	$\frac{3}{5}$
a) Decimal				
b) Order				

C4.9 | Place value

Name: _____ Date: _____

10. Is 904,354,765 a nine-digit number?

Write Yes or No: _____

11. How many complete millions are in 904,354,765?

_____

HM	TM	M	HTH	TTH	TH	H	T	O
9	0	4	3	5	4	7	6	5

12. Round 904,354,765 to the nearest million.

_____

13. What is seven million more than 904,354,765?

_____

14. Give the value of the digit 9. Complete the equation.

_____ × _____ = _____

15. Write 904,354,765 in expanded form. Include zero.

_____ + _____ + _____ +

_____ + _____ + _____ + _____ + _____ + _____

16. What is 8% as a decimal? _____

Powers of ten

17. 0.008 × _____ = 8.0

18. 9.0 ÷ _____ = 0.009

19. 5.4 × 1000 = _____

20. 2.3 ÷ 100 = _____

Optional working chart

1000	100	10	1	0.1	0.01	0.001

C4.9 | Addition and subtraction

Name: _____ Date: _____

21. Add using a column algorithm.

Use the space below the headings for regrouping.

	100	10	1	.	0.1	0.01
	3	4	8	.	7	4
+	3	7	3	.	9	2

22. Subtract using a column algorithm.

	100	10	1	.	0.1	0.01
	6	4	4	.	8	5
−	3	9	7	.	7	6

23. Solve these questions mentally.

a) \$68 − _____ = \$35

b) \$753.21 − _____ = \$532.10

C4.9 | Multiplication and division

Name: _____ Date: _____

24. Complete the table and solve c).

a) 8.8 × 10	b) 8.8 × 1

c) 8.8 × _____ = 79.2

25. 9.8 × 100 = _____

Complete the last row.

100	10	1	.	0.1	0.01	0.001
		9	.	8		

26. 9.8 ÷ 100 = _____

Complete the last row.

100	10	1	.	0.1	0.01	0.001
		9	.	8		

27. Complete the partial products and total: 946 × 78.

	10,000	1,000	100	10	1
			9	4	6
×				7	8

a) 8 × 946

b) 70 × 946

c) Total

28. a) Write multiples of 8 from 8 to 80, inclusive.

_____ , _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____

b) Calculate 54,834 ÷ 8 using both strategies.

Show long division and partitioning. Give an exact decimal answer.

Partitioning

Long division

8 ⟌ 54834.00