C4.10 • Counting in Fractions

Name: _____ Date: _____

1. Count in steps of two eighths from two eighths to two.

$\frac{2}{8}$, _____ , _____ , _____ , _____ , _____ , _____ , _____

2. Count in steps of 0.88 from 0.88 to 8.80.

0.88 , _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____

3–7. Calculate and shade the matching amount.

Each bar represents 192, split into eight equal cells.

3. 192 ÷ 8 = _____ 0 | | | | | | | | 192

4. $\frac{1}{8}$ × 192 = _____ 0 | | | | | | | | 192

5. 0.125 × 192 = _____ 0 | | | | | | | | 192

6. 12.5% × 192 = _____ 0 | | | | | | | | 192

7. $\frac{9}{8}$ × 192 = _____ 0 | | | | | | | | 192

0 | | | | | | | | 192

8. Circle the larger fraction.

$\frac{13}{8}$ or $1\frac{3}{4}$

9. a. Convert each number to a decimal in row a.

b. Order the original forms from smallest to largest in row b.

	0.14	140%	0.175	$\frac{7}{4}$
a. Decimals				
b. Ascending				

C4.10 • Place value

Use the number 6,847,203,519 for questions 10–15.

10. Is it a ten-digit number? Write Yes or No.

_____

11. How many whole millions does it contain?

_____

B	HM	TM	M	HTh	TTh	Th	H	T	O
6	8	4	7	2	0	3	5	1	9

12. Round to the nearest ten million.

_____

13. What is sixty million more than the number?

_____

14. Write the value of the digit 6 as a product.

_____ × _____

15. Expand the number using all ten places.

Include a zero term for the ten-thousands place.

_____ + _____ + _____

\+ _____ + _____ + _____

\+ _____ + _____ + _____ + _____

16. Write 0.4% as a decimal. _____

Powers of ten

17. 0.006 × _____ = 6.0

18. 6.0 ÷ _____ = 0.006

19. 7.7 × 1,000 = _____

C4.10 • Addition and subtraction

Show your working in each card.

20. 73,695 − 4,758 + 653 = _____

21. Write the answer in both forms.

$\frac{7}{8} + \frac{6}{8} =$

a. Improper _____

b. Mixed _____

22. Write the answer as a mixed number.

$\mathbf{4}\ \frac{3}{8} + \mathbf{1}\ \frac{6}{8} =$ _____

23. Calculate.

$\frac{7}{8} - \frac{4}{8} =$ _____

24. Write the answer in both forms.

$\mathbf{9}\ \frac{3}{8} - \mathbf{4}\ \frac{5}{8} =$

a. Mixed _____

b. Improper _____

C4.10 • Multiplication and division



Show working and complete every labelled response.

25. Complete a–c in the table, then solve d.

a. 156 × 10	b. 156 × 1	c. 156 × 2

d. 156 × _____ = 1,404

26. Calculate. Work inside brackets first.

315 × (56 ÷ 8) = _____

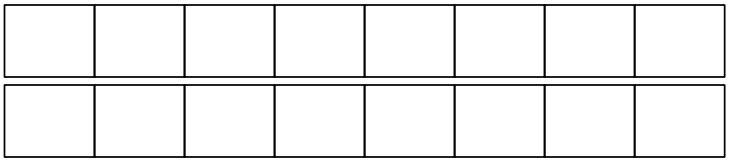
27. Solve the equation.

Step 1: Invert the divisor, then multiply.

$$\frac{3}{4} \div \frac{1}{2} = \frac{3}{4} \times \frac{2}{1} = \frac{3}{4} \times 2$$

Step 2 (a): Shade the product.

Each bar is one whole in eight equal cells.



Step 3: Give a simplified fraction and a decimal.

b. Fraction: _____ c. Decimal: _____

28. Solve the equation.

Step 1 (a): Multiply the numerators.

Multiply the denominators.

$$\frac{3}{4} \times \frac{3}{4} = \frac{\square}{\square}$$

Step 2 (b): Write the simplified fraction.

Fraction: _____