Counting in Fractions

1. **Count** by $\frac{1}{2}$, from $\frac{1}{2}$ to 4.

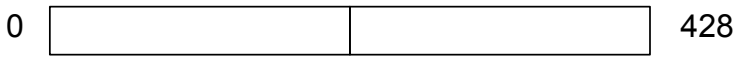
$\frac{1}{2}$, _____ , _____ , _____ , _____ , _____ , _____ , _____

2. Count by **0.5**, from **0.5** to 5.0.

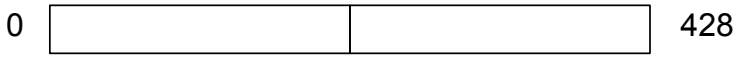
0.5 , _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____

Fractions, Decimals and Percentages

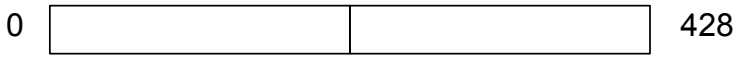
3. **428 ÷ 2 =** _____



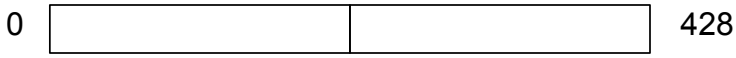
4. $\frac{1}{2}$ **× 428 =** _____



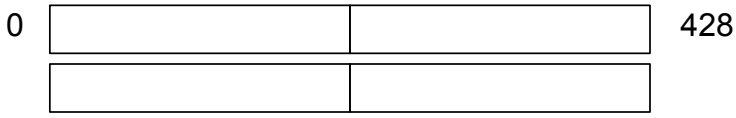
5. **0.5 × 428 =** _____



6. **50% × 428 =** _____



7. $\frac{3}{2}$ **× 428 =** _____



8. Circle the **larger** fraction: $\frac{11}{2}$ or $\frac{21}{4}$

9. Convert each **decimal** to a **fraction** in **simplest form**.

Use **place value**: **tenths**, **hundredths** or **thousandths**.

Decimal	0.05	0.15	0.45
Fraction	____ / ____	____ / ____	____ / ____

Place Value

10. Can you read the nine digit number: **617,532,453**? Yes / No

11. How many **millions** in **617,532,453** ? _____

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

12. Round **617,532,453** to the **nearest million**:

_____

13. What is **five million** more than **617,532,453** ?

_____

14. In the number **617,532,453** what is the value of the **6** digit?

___ × _____

15. Write **617,532,453** in **EXPANDED FORM**

_____ + _____ + _____ + _____ + _____ +

_____ + _____ + _____ + _____

16. What is **9%** as a decimal: _____

Powers of 10

17. 0.003 × _____ = 3.0

18. 3.0 ÷ _____ = 0.003

19. 2.7 × 1000 = _____

20. 3.2 ÷ 100 = _____

Th	H	T	O	DP	Tth	Hth	Thth
				.			
				.			

Addition Is Subtraction

21. Add using a written algorithm.

		H	T	O	DP	Tth	Hth
Carry/regroup							
		4	4	6	.	9	4
	+	1	7	4	.	8	8
Working							
					.		

22. Subtract using a written algorithm.

		H	T	O	DP	Tth	Hth
Carry/regroup							
		4	4	3	.	6	4
	−	1	7	4	.	8	8
					.		

23. Solve these questions mentally.

$97 − ____ = $45

$527.81 − _____ = $245.40

Multiplication Is Division

24. Complete the parts, then solve the equation.

Starting fact

2.2 × 1

Use these parts

2.2 × 2	**2.2 × 10**

2.2 × _____ = 26.4

25. **2.8 × 100 = _____**

H	T	O	DP	Tth	Hth	Thth
		2	.	8		
			.			

26. **2.8 ÷ 100 = _____**

H	T	O	DP	Tth	Hth	Thth
		2	.	8		
			.			

27. Solve **573 × 62** using **partial products**.

	TTh	Th	H	T	O	
Carry/regroup						
			5	7	3	
×				6	2	
						2 × 573
						60 × 573

28. Write the **multiples of 2** from **2 to 20**.

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

Solve the equation **two ways**:

54,853 ÷ 2 = _____

_____

2 ⟌ **5 4 8 5 3**