Counting in Fractions

1. **Count** by $\frac{3}{2}$, from $\frac{3}{2}$ to 9.

$\frac{3}{2}$, _____ , _____ , _____ , _____ , _____

2. Count by **0.55**, from **0.55** to 5.5.

0.55 , _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____

Fractions, Decimals and Percentages

3. **586 ÷ 2 =** _____

0 586

4. $\frac{1}{2}$ **× 586 =** _____

0 586

5. **0.5 × 586 =** _____

0 586

6. **50% × 586 =** _____

0 586

7. $\frac{3}{2}$ **× 586 =** _____

0 586

8. Circle the **larger** fraction: $\frac{33}{2}$ or $\frac{64}{4}$

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

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

Decimal	0.05	0.35	0.65
Fraction	____ / ____	____ / ____	____ / ____

Place Value

10. Can you read the ten digit number: **1,573,264,089**? Yes / No

11. How many **millions** in **1,573,264,089**? _____

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

12. Round **1,573,264,089** to the **nearest ten million**:

_____

13. What is **sixty million** more than **1,573,264,089**?

_____

14. In the number **1,573,264,089**, what is the value of the **1** digit?

___ × _____

15. Write **1,573,264,089** in **EXPANDED FORM**

_____ + _____ + _____ + _____ + _____ +

_____ + _____ + _____ + _____ + _____

16. What is **0.2%** as a decimal: _____

Powers of 10

17. 0.001 × _____ = 1.0

18. 1.0 ÷ _____ = 0.001

19. 1.1 × 1,000 = _____

Th	H	T	O	DP	Tth	Hth	Thth
				.			
				.			

Addition Is Subtraction

20. **63,215 − 5,358 + 426 = _____**

Working:

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21. **Add**. Write the answer as an **improper fraction** and a **mixed number**.

$$\frac{9}{2} + \frac{5}{2} =$$

Improper fraction:

Mixed/whole number:

22. **Add**. Write the answer as a **mixed number**.

$$7\frac{1}{2} + 4\frac{1}{2} =$$

Mixed/whole number:

23. **Subtract**. Solve the equation.

$$\frac{6}{2} - \frac{3}{2} =$$

24. **Subtract**. Solve the equation.

$$8\frac{1}{2} - 3\frac{1}{2} =$$

Multiplication Is Division

25. Complete the parts, then solve the equation.

Use these parts: subtract

122 × 10	**122 × 1**

122 × _____ = 1,098

26. Use **PEMDAS** to solve the equation.

445 × **(66 ÷ 2)** = _____

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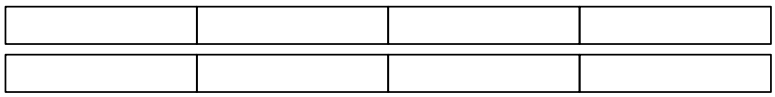
27. **Divide** the fractions.

Step 1. **Invert** the **divisor** and **multiply**.

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

Step 2. Fill in the **fraction bar**.

$$\frac{3}{4} \times 2$$



Step 3. Write the answer as a **fraction** and **decimal**.

Fraction: _____ Decimal: _____

28. **Multiply** the fractions.

Step 1. Multiply the **numerators**; multiply the **denominators**.

$$\frac{3}{8} \times \frac{3}{8} = \frac{\quad}{\quad}$$

Step 2. **Simplify** your answer:

Fraction: _____