Counting in Fractions

1. **Count** by $\frac{3}{2}$, from 0. Stop before 4.

0 , _____ , _____

2. Count by **3.37**, from **0** to **16.85**.

0 , _____ , _____ , _____ , _____ , _____

Fractions, Decimals and Percentages

3. **68** ÷ $\frac{1}{2}$ = _____

4. **50%** × **68** = _____

5. **68** × **0.5** = _____

6. $\frac{1}{2}$ × **684** = _____

7. $\frac{3}{2}$ × **684** = _____

8. **50%** × **684** = _____

Write a fraction that is:

9. **Between** $\frac{2}{5}$ and $\frac{4}{5}$

_____

10. **Greater than** $\frac{7}{2}$ but **less than 10**

_____

11. **Equivalent to** $\frac{1}{2}$

_____

12. **Less than** $\frac{7}{2}$

_____

Conversion practice

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

Decimal	0.05	0.075	0.125
Fraction	____ / _____	____ / _____	____ / _____

Place Value

13. Can you read the number: **43.632**? Yes / No

14. How many **tenths** in **43.632**?_____

T	O	DP	Tth	Hth	Thth
4	3	.	6	3	2

15. What is **9 tenths** more than **43.632**?

_____

16. In the number **43.632,** what is the value of the **4 digit**?

___ × _____

17. Write **43.632** in **EXPANDED FORM**

_____ + _____ + _____ + _____ + _____

18. Round **43.632** to **two decimal places**:

_____

19. What is **0.43%** as a decimal: _____

Powers of 10

20. **0.435 × _____ = 435.0**

21. **43.0 ÷ _____ = 0.043**

22. **43.5 × 10,000 = _____**

HTh	TTh	Th	H	T	O	DP	Tth	Hth	Thth
						.			
						.			

Addition Is Subtraction

23. **72,153 − 9,389 + 708 = _____**

Working:

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

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

Mixed/whole number:

25. **Add**. Write the answer as an **improper fraction**.

$$5\frac{1}{2} + 4\frac{1}{2} =$$

Improper fraction:

26. **Subtract**. Solve the equation.

$$\frac{5}{2} - \frac{3}{2} =$$

27. **Subtract**. Write the answer as an **improper fraction**.

$$6\frac{1}{2} - 2\frac{1}{2} =$$

Improper fraction:

Multiplication Is Division

28. Write the **first five positive multiples** of each number.

13: _____ , _____ , _____ , _____ , _____

43: _____ , _____ , _____ , _____ , _____

29. Solve. Follow the **order of operations**.

$36 + \mathbf{424 \times 2} =$ _____

30. Solve. Follow the **order of operations**.

$43 \times \mathbf{(468 \div 2)} + 7 \times \mathbf{(824 \div 2)} =$ _____

31. **Multiply** the **mixed number**.

$6\frac{1}{2} \times 2 =$ _____

32. **Divide** the **mixed number** by the **fraction**.

$4\frac{1}{2} \div \frac{1}{4} =$ _____