Improper Fractions and Mixed Numbers

P = Proper Fraction I = Improper Fraction M = Mixed Numbers

Identify whether the following numbers are proper, improper, or mixed numbers.

```
16/15
Ι
2.
     15/16
Ρ
3.
     16/16
4.
     4 1/5
5.
     32/3
6.
     1/4
7.
     3/8
8.
     17/9
9.
     10 2/3
М
10. 21/21
```

Turn the following improper fractions into mixed numbers. Make sure to show your work, including all intermediate steps!

11. 15/15

$$\frac{31}{15} = 2\frac{1}{15}$$

$$\frac{2}{15}$$

$$\frac{2}{15}$$

A: 2 1/s

13. 10/8

A: 14

15. 9/9

$$\frac{9}{9} = \left| \frac{9}{9} = \right| \quad A:1$$

16. 9/7

18. 7/4

19. 18/18

$$\frac{18}{18} = |\frac{1}{18} = |$$
 A:1

20. 32/3

Turn the following mixed numbers into improper fractions. Make sure to show your work including all intermediate steps! 21. 6 4/5

22. 2 1/3

$$2\frac{1}{3} = \frac{7}{3}$$
 $3 \times 2 + 1 = 7$

23. 4 5/7

A: 33-

24. 3 7/8

A: 31/8

25. 2 3/8

A: 19

26. 1 3/4

A: 74

27. 5 1/6

A: 31/6

28. 4 7/10

A: 岩

29. 3 4/5

A: 13

30. 17 18/19

$$17\frac{18}{19} = \frac{341}{19}$$

$$17\frac{19}{19} = \frac{323}{323}$$

$$17\frac{133}{190} + \frac{18}{341}$$

$$19\frac{19}{323} + \frac{18}{341}$$

A: 341