

# Restaurant Riddle

How do you know the woman at the next table in the restaurant is a math teacher?

## Mental Math

Compare the decimals and fractions below to find the answer. Write  $>$ ,  $<$ , or  $=$  in each blank. Then circle the letter next to the greater number. If you wrote  $=$ , do not circle either letter.

1. S  $0.77$  \_\_\_\_\_  $\frac{3}{5}$  J

2. T  $3.9$  \_\_\_\_\_  $3\frac{18}{20}$  A

3. H  $\frac{8}{9}$  \_\_\_\_\_  $0.8$  I

4. R  $4.11$  \_\_\_\_\_  $4\frac{1}{3}$  E

5. O  $3\frac{7}{8}$  \_\_\_\_\_  $3.78$  M

6. D  $\frac{3}{16}$  \_\_\_\_\_  $0.36$  R

7. D  $2.98$  \_\_\_\_\_  $2\frac{21}{30}$  F

8. G  $1\frac{3}{8}$  \_\_\_\_\_  $1.45$  E

9. P  $0.2$  \_\_\_\_\_  $\frac{5}{25}$  B

10. R  $\frac{4}{12}$  \_\_\_\_\_  $0.32$  K

11. S  $34.91$  \_\_\_\_\_  $34\frac{36}{40}$  A

12. E  $7\frac{7}{16}$  \_\_\_\_\_  $7.852$  D

13. Q  $1.27$  \_\_\_\_\_  $1\frac{4}{13}$  E

14. U  $0.972$  \_\_\_\_\_  $1\frac{1}{100}$  C

15. I  $6\frac{1}{3}$  \_\_\_\_\_  $6.125$  W

16. V  $0.002$  \_\_\_\_\_  $\frac{1}{500}$  N

17. B  $9\frac{3}{18}$  \_\_\_\_\_  $9.37$  M

18. A  $3.11$  \_\_\_\_\_  $\frac{37}{49}$  I

19. Y  $8\frac{1}{9}$  \_\_\_\_\_  $81.9$  L

20. S  $100.9$  \_\_\_\_\_  $100\frac{100}{125}$  Z

21. To solve the riddle, write the circled numbers in order.

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