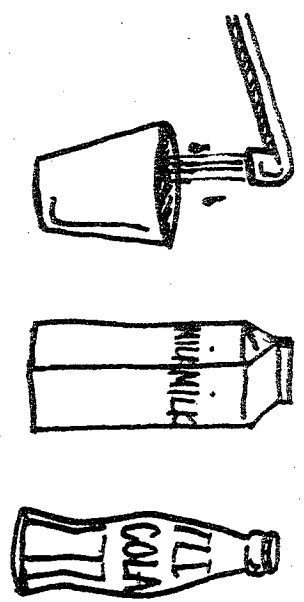NAME _____

WHAT DOES THE INVISIBLE MAN DRINK AT SNACKTIME?

Directions: Find the missing factor in each set of numbers. Each time the factor appears in the decoder, write the letter above the appropriate space.
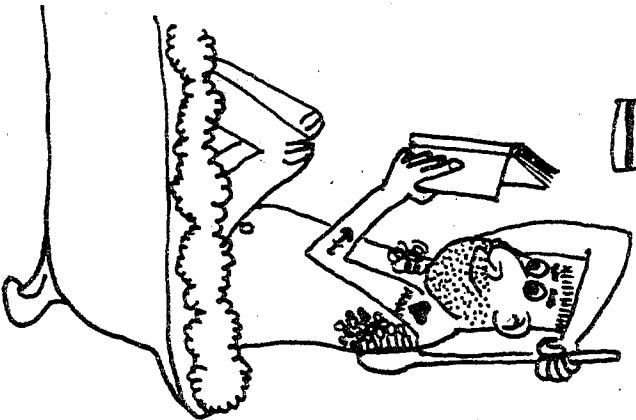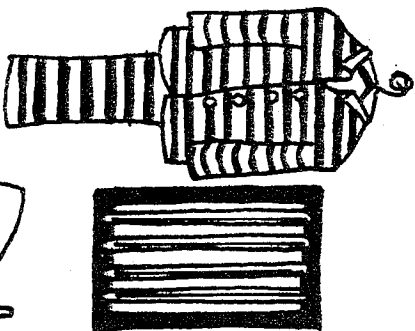
FACTORS OF 16: {1, 4, 8, 16, L} L =	**FACTORS OF 36:** {1, 2, 3, 4, 9, 12, 18, 36, A} A =
FACTORS OF 20: {1, 2, 4, 10, 20, T} T =	**FACTORS OF 32 :** {1, 2, 4, 8, 32 D} D =
FACTORS OF 26 : {1, 2, 26, R} R =	**FACTORS OF 70 :** {1, 2, 5, 7, 10, 14, 70, I} I =
FACTORS OF 15: {3, 5, 15, M} M =	**FACTORS OF 72:** {1, 2, 3, 4, 6, 8, 12, 18, 24, 36, 72, K} K =
FACTORS OF 60 : {1, 2, 3, 4, 5, 6, 10,12, 20, 30, 60, P} P =	**FACTORS OF 48:** {1, 2, 3, 4, 6, 8, 12, 16, 48, V} V =
FACTORS OF 22: {1, 2, 22, O} O =	**FACTORS OF 12:** {1, 2, 3, 6, 12, E} E =

4	24	6	15	11	13	6	5	4	16	1	35	2	9
—	—	—	—	—	—	—	—	—	—	—	—	—	—

NAME _____

WHO ARE THE
SLOWEST TALKERS IN
THE WHOLE WORLD?

DIRECTIONS: Figure out the *greatest common factor (GCF)* for each pair of numbers. Each time the greatest common factor occurs in the decoder, place the letter of the GFC in the appropriate space.

1. GCF of 10 and 15 = _____ Y

2. GCF of 12 and 16 = _____ I

3. GCF of 50 and 75 = _____ R

4. GCF of 16 and 48 = _____ E

5. GCF of 50 and 100 = _____ D

6. GCF of 30 and 70 = _____ H

7. GCF of 17 and 34 = _____ A

8. GCF of 11 and 22 = _____ N

9. GCF of 15 and 60 = _____ S

10. GCF of 12 and 24 = _____ P

11. GCF of 6 and 8 = _____ G

12. GCF of 21 and 36 = _____ 2

13. GCF of 7 and 14 = _____ V

14. GCF of 6 and 12 = _____ 5

15. GCF of 24 and 72 = _____ L

16. GCF of 18 and 27 = _____ O

17. GCF of 24 and 64 = _____ T

18. GCF of 21 and 22 = _____ C

Decoder:

$$\frac{}{15} \frac{}{9} \frac{}{11} \frac{}{7} \frac{}{4} \frac{}{1} \frac{}{8} \frac{}{15}$$

$$\frac{}{9} \frac{}{12} \frac{}{16} \frac{}{11} \frac{}{50} \frac{}{3} \frac{}{6} \frac{}{5} \frac{}{16} \frac{}{17} \frac{}{25} \frac{}{15}$$

$$\frac{}{15} \frac{}{12} \frac{}{16} \frac{}{11} \frac{}{17} \frac{}{15} \frac{}{4} \frac{}{11} \frac{}{5} \frac{}{10} \frac{}{16} \frac{}{5}$$

$$\frac{}{9} \frac{}{11} \frac{}{17} \frac{}{15} \frac{}{8} \frac{}{16} \frac{}{11} \frac{}{1} \frac{}{2} \frac{}{24} \frac{}{16}$$

$$\frac{}{15} \frac{}{16} \frac{}{11} \frac{}{16}$$