

smile

0618

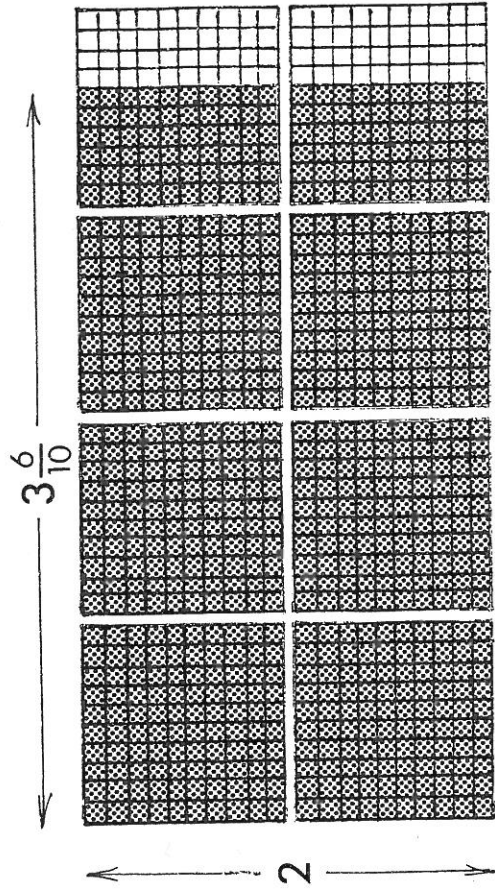
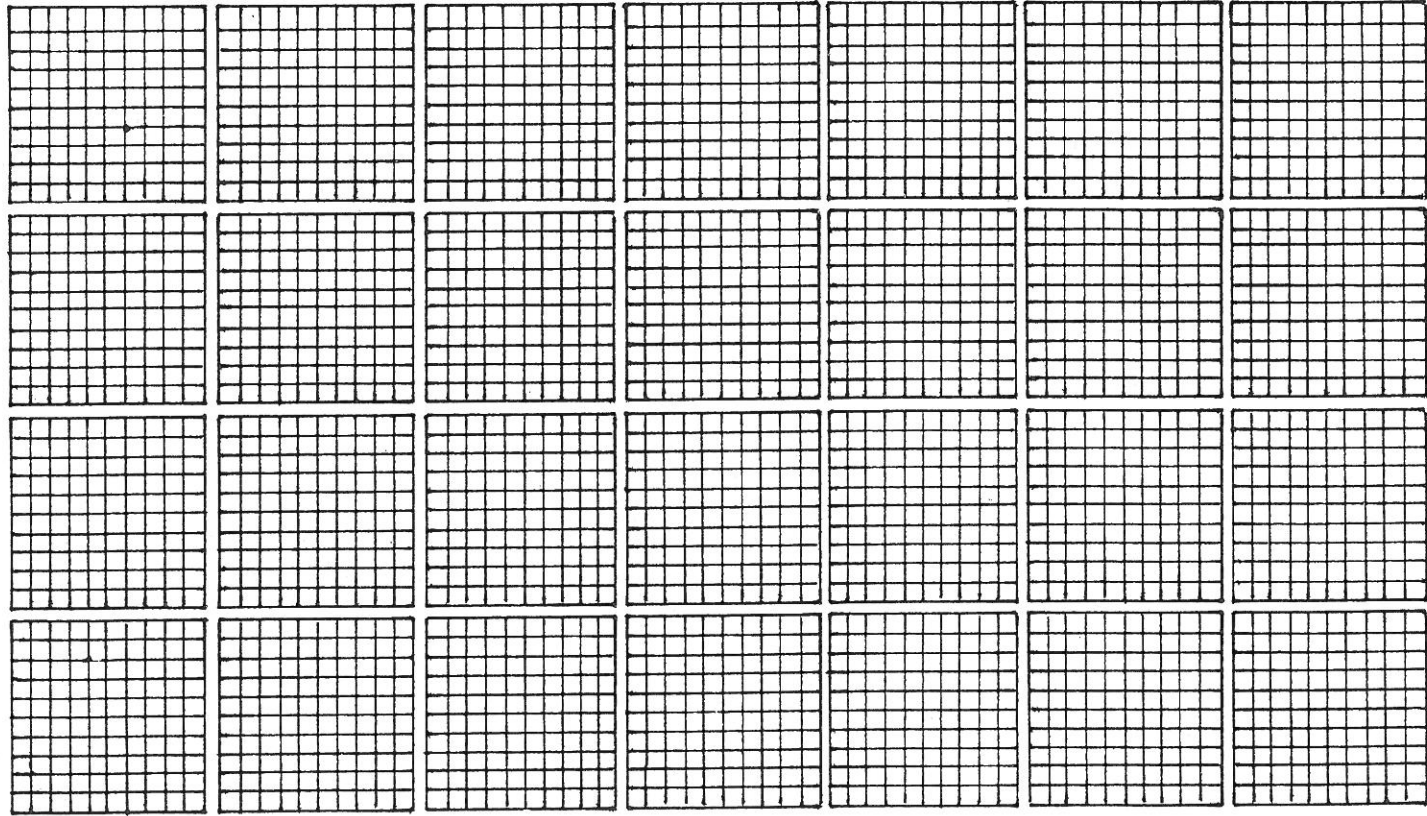
ACTION

DECIMALS

ilea
©1977

Using Squares

EACH SQUARE IS DIVIDED INTO HUNDRETHS, $\frac{1}{100}$



(a) $3\frac{6}{10} \times 2 = 7\frac{2}{10}$

(b) $3\cdot6 \times 2 = 7\cdot2$

Can you see why?

That's the same thing!

Use page 1 and some tracing paper to work out these.
Work out each question using (a) fractions,
(b) decimals.

1. $3\frac{2}{10} \times 4$

2. $2\frac{6}{10} \times 3$

3. $4 \times 4\frac{4}{10}$

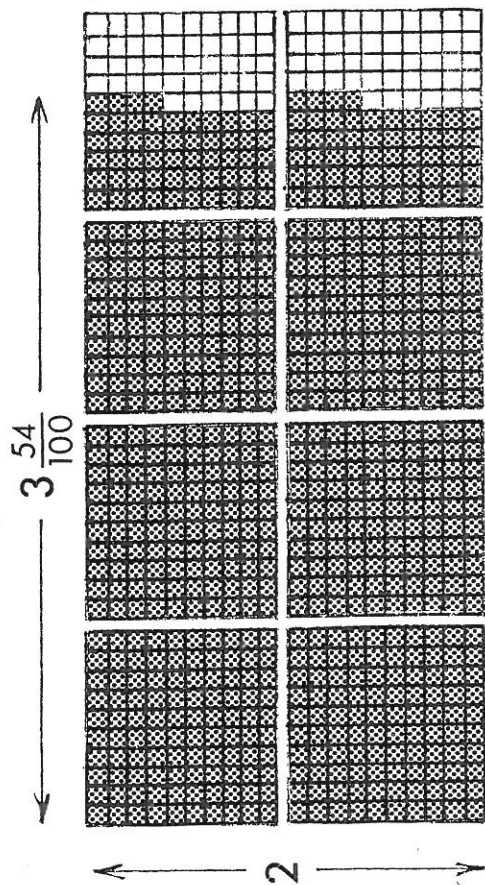
4. $2 \times 4\cdot3$

5. $\frac{7}{10} \times 3$

7. $7 \times 3\frac{3}{10}$

6. $0\cdot5 \times 4$

8. $6 \times 2\cdot8$



$$3\frac{54}{100} \times 2 = 7\frac{8}{100}$$

which is the same as...

$$3.54 \times 2 = 7.08$$

Make sure you know why.

Use page 1 and some tracing paper to do these:

9. $2\frac{37}{100} \times 2$

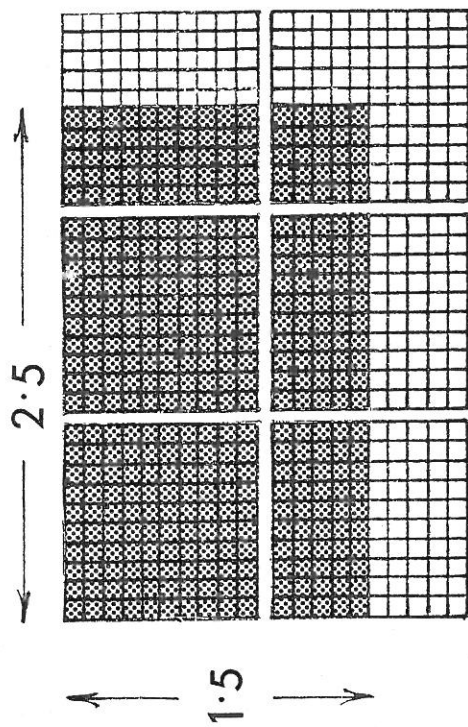
12. 4.39×3

10. $1\frac{63}{100} \times 3$

13. $\frac{71}{100} \times 4$

11. 2.42×3

14. 4×0.78



$$2\frac{5}{10} \times 1\frac{5}{10} = 3\frac{75}{100}$$

or, using decimals,

$$2.5 \times 1.5 = 3.75$$

Try these:

15. 2.5×2.5

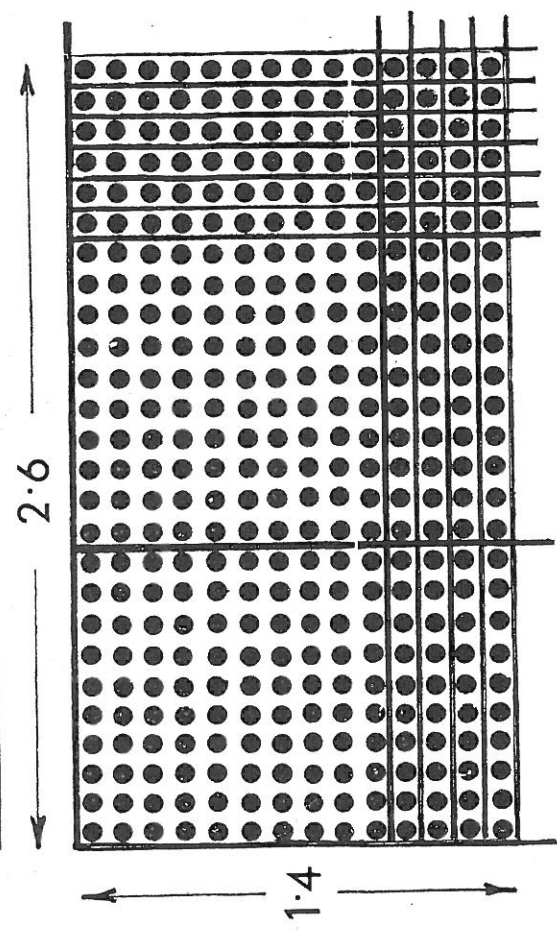
16. $4\frac{5}{10} \times 1\frac{5}{10}$

17. $3\frac{5}{10} \times 6\frac{5}{10}$

18. 0.5×5.5

19. 0.5×0.5

Using Dots



How many large squares?

2 whole ones

How many tenths?

14 tenths

How many hundredths?

24 hundredths

Altogether?

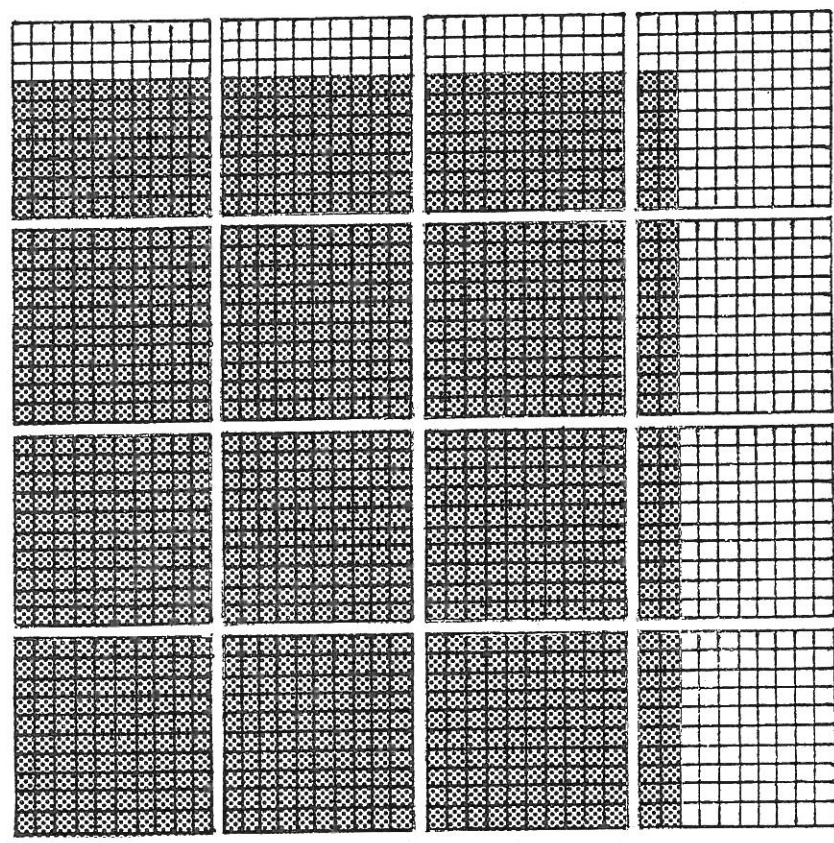
$$\begin{array}{r} 2 \\ 1.4 \\ 0.24 \\ \hline 3.64 \end{array}$$

So $2.6 \times 1.4 = 3.64$

Use the dots on page 7 and some tracing paper to work out:

1. 2.3×2.1
2. 2.1×3.8
3. 0.6×4.3
4. 0.6×2.7
5. 0.1×0.1
6. 1.9×3.1

3.7



Look at the big squares, the columns and the small squares: -

You get 9 whole ones

27 tenths

14 hundredths

$$\begin{array}{r} 9 \\ 2.7 \\ 0.14 \\ \hline 11.84 \end{array}$$

That's $9 + 2.7 + 0.14 = 11.84$

$3.7 \times 3.2 = 11.84$

Work out these in the same way. Use page 1 and some tracing paper to help you.

20. 2.8×3.1
21. 1.4×4.1
22. 3.4×3.4
23. 0.6×4.2
24. 1.9×6.3
25. 0.2×0.3