UNIT 6 *Arithmetic: Multiplication of Decimals* Overhead Slides

Overhead Slides

OS 6.1 *Multiplication Table*

×	1	2	3	4	5	6	7	8	9	10
1	1									
2		4								
3		6								
4										
5			15							
6										
7		14								
8	8									
9										
10		20								

Complete the table and find:

(a) 4×7 (b) 7×8

(c) 8×9 (d) 5×9

(e) 8×6 (f) 7×7

(g) 9×6 (h) 9×7

OS 6.2 *True or False ?*

Is each of these statements *true* or *false* ?

A : $6 \times 7 = 7 \times 6$

B : $5 \times 4 = 4 \times 5$

C : $5 \times 9 = 6 \times 8$

D : $6 \times 4 = 3 \times 8$

E : $(3 \times 2) \times 4 = 3 \times (2 \times 4)$

F : $3 \times 6 = 9 \times 2$

G : $2 \times 12 = 6 \times 4$

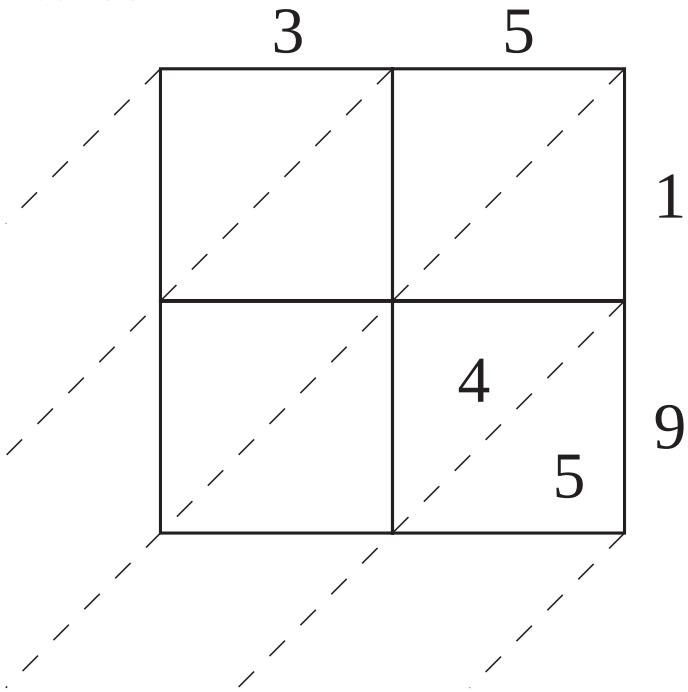
H : $5 \times 21 = 10 \times 11$

I : $6 \times 21 = 18 \times 7$

OS 6.3 *Methods of Multiplication*

$$35 \times 19 = ?$$

Napier's Method



Box Method

	30	5
10	$10 \times 30 =$	$10 \times 5 =$
9	$9 \times 30 =$	$9 \times 5 =$

OS 6.4 *Deducing Answers*

Using $32 \times 41 = 1312$, complete the following calculations:

A : $3.2 \times 41 =$

B : $320 \times 4.1 =$

C : $0.32 \times 41 =$

D : $320 \times 410 =$

E : $3.2 \times 4.1 =$

F : $320 \times 0.41 =$

G : $3200 \times 4.1 =$

H : $0.32 \times 0.41 =$

I : $0.032 \times 410 =$