UNIT 8 *Arithmetic: Division of Decimals* Overhead Slides

Overhead Slides

OS 8.1 *True or False?*

State whether each of these statements is *true* or *false*:

A: $8 \div 2 = 2 \div 8$

B: $8 \times 2 + 4 = 20$

C: $8 + 2 \times 4 = 40$

D: $8 \div 2 + 2 = 2$

E: $8 \div 4 + 4 = 6$

F: $8 \times 3 + 6 = 8 + 2 \times 3$

Which of the *false* statements can be made *true* by the insertion of a pair of brackets?

OS 8.2 *Dividing by Powers of 10*

Calculate:

A : $140 \div 10 =$ ☐

B : $1200 \div 100 =$ ☐

C : $4000 \div 1000 =$ ☐

D : $5000 \div 100 =$ ☐

E : $24 \div 10 =$ ☐

F : $240 \div 100 =$ ☐

G : $76 \div 100 =$ ☐

H : $4260 \div 1000 =$ ☐

OS 8.3 *Division*

Calculate:

A : $920 \div 5 =$ ☐

B : $426 \div 3 =$ ☐

C : $546 \div 13 =$ ☐

D : $42.6 \div 2 =$ ☐

E : $22.62 \div 3 =$ ☐

F : $1.625 \div 5 =$ ☐

G : $486 \div 15 =$ ☐

H : $7.3 \div 4 =$ ☐

OS 8.4 *Problems in Context*

A : A minibus holds 16 people. How many minibuses will be needed for a party of 100 people?

B : A textbook costs £16. How many textbooks can you buy with £100 ?

C : £100 is shared equally between 16 people. How much does each person get?

D : A packet of sweets contains 100 sweets. They are shared equally between 16 children. How many sweets will be left over?

OS 8.5 *Multiplication Table*

×	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100