

Unit 6, Week 2: Number – Multiplication and division, incl. Decimals

Lesson 1: Multiplying decimals using mental methods

Challenge
1

- 1 36 tenths
- 84 tenths
- 70 tenths
- 68 tenths
- 42 tenths
- 89 tenths
- 250 tenths

- 2 536 hundredths
- 62 hundredths
- 310 hundredths
- 453 hundredths
- 2 hundredths
- 234 hundredths
- 700 hundredths

Challenge
2

- | | |
|--------|--------|
| a 0.3 | i 0.9 |
| b 0.06 | j 0.8 |
| c 0.4 | k 47.6 |
| d 0.01 | l 3.12 |
| e 0.8 | m 59.2 |
| f 0.4 | n 48 |
| g 0.05 | o 2.82 |
| h 0.5 | |

Challenge
3

- $58 \times 7 = 406$
- $5.8 \times 7 = 40.6$
- $0.58 \times 7 = 4.06$

- $73 \times 8 = 584$
- $7.3 \times 8 = 58.4$
- $0.73 \times 8 = 5.84$

- $64 \times 9 = 576$
- $6.4 \times 9 = 57.6$
- $0.64 \times 9 = 5.76$

- $79 \times 6 = 474$
- $7.9 \times 6 = 47.4$
- $0.79 \times 6 = 4.74$

- $45 \times 8 = 360$
- $4.5 \times 8 = 36$
- $0.45 \times 8 = 3.6$

- $64 \times 6 = 384$
- $6.4 \times 6 = 38.4$
- $0.64 \times 6 = 3.84$

- $22 \times 1 = 22$
- $2.2 \times 1 = 2.2$
- $0.22 \times 1 = 0.22$

- $87 \times 3 = 261$
- $8.7 \times 3 = 26.1$
- $0.87 \times 3 = 2.61$

- $8.1 \times 6 = 48.6$
- $0.81 \times 6 = 4.86$
- $81 \times 6 = 486$

- $4.6 \times 4 = 18.4$
- $0.46 \times 4 = 1.84$
- $46 \times 4 = 184$