

**Homework sheet 25: Decimals  $\times$ ,  $\div$  by 10, 100, 1000****Multiplying**

- (a)  $5.71 \times 10 = 57.1$   
 (b)  $0.332 \times 100 = 33.2$   
 (c)  $0.053 \times 1000 = 53$   
 (d)  $4.2 \times 1000 = 4200$

**Dividing**

- (a)  $56.7 \div 10 = 5.67$   
 (b)  $6.24 \div 100 = 0.0624$   
 (c)  $0.314 \div 10 = 0.0314$   
 (d)  $58 \div 1000 = 58.0 \div 1000 = 0.058$

- A**
- |                          |                             |
|--------------------------|-----------------------------|
| 1. $4.23 \times 10 =$    | 2. $5.63 \times 10 =$       |
| 3. $0.427 \times 100 =$  | 4. $4.63 \times 100 =$      |
| 5. $0.075 \times 10 =$   | 6. $0.0063 \times 100 =$    |
| 7. $1.147 \times 1000 =$ | 8. $10.7 \times 1000 =$     |
| 9. $6.33 \times 100 =$   | 10. $0.00714 \times 100 =$  |
| 11. $6.36 \times 100 =$  | 12. $8.142 \times 10 =$     |
| 13. $0.71 \times 1000 =$ | 14. $8.9 \times 1000 =$     |
| 15. $12 \times 100 =$    | 16. $13 \times 10 =$        |
| 17. $7 \times 1000 =$    | 18. $9.2 \times 10\,000 =$  |
| 19. $0.7 \times 100 =$   | 20. $0.5 \times 100\,000 =$ |

- B**
- |                       |                        |                       |
|-----------------------|------------------------|-----------------------|
| 1. $57.2 \div 10 =$   | 2. $89.2 \div 10 =$    | 3. $5.3 \div 10 =$    |
| 4. $47.1 \div 100 =$  | 5. $41.2 \div 100 =$   | 6. $19.3 \div 10 =$   |
| 7. $51.8 \div 100 =$  | 8. $4.7 \div 100 =$    | 9. $25.2 \div 1000 =$ |
| 10. $0.63 \div 10 =$  | 11. $47.2 \div 100 =$  | 12. $27 \div 1000 =$  |
| 13. $6.2 \div 1000 =$ | 14. $8.7 \div 100 =$   | 15. $47 \div 10 =$    |
| 16. $416 \div 1000 =$ | 17. $2400 \div 1000 =$ | 18. $89 \div 100 =$   |
| 19. $63 \div 100 =$   | 20. $7 \div 1000 =$    |                       |

**C** Fill in the missing numbers

- |                          |                        |                         |
|--------------------------|------------------------|-------------------------|
| 1. $3\text{ m} =$ cm     | 2. $4\text{ km} =$ m   | 3. $1.5\text{ kg} =$ g  |
| 4. $800\text{ g} =$ kg   | 5. $60\text{ mm} =$ cm | 6. $4000\text{ kg} =$ t |
| 7. $1.2\text{ m} =$ cm   | 8. $85\text{ mm} =$ cm | 9. $1000\text{ ml} =$ l |
| 10. $2000\text{ g} =$ kg | 11. $90\text{ cm} =$ m | 12. $600\text{ mm} =$ m |