

# Homework sheet

## Pipe music with decimals

AC

EA

AA

AM

AP

### Exercise 1: Adding decimals using place value

Example:

$$4.3 + 2.06$$

$$4 + 2 = 6 \quad 6 + 0.3 = 6.3 \quad 6.3 + 0.06 = 6.36$$

$$4.3 + 2.06 = 6.36$$

1)  $2.7 + 4.05$

(2)  $3.08 + 5.2$

(3)  $3.6 + 5.27$

4)  $6.04 + 5.8$

(5)  $7.13 + 4.3$

(6)  $11.2 + 7.36$

7)  $2.38 + 12.61$

(8)  $21.74 + 7.13$

(9)  $6.47 + 3.21$

### Exercise 2: What decimal number goes in the box?

1)  $6.4 + \square = 8.9$

(2)  $2.5 + \square = 4.9$

3)  $8.3 + \square = 15.6$

(4)  $\square + 5.4 = 11.5$

5)  $3.75 + \square = 6.99$

(6)  $\square + 1.83 = 5.87$

Work out answers to the following problems

7)  $18.67 - 8.02$

(8)  $28.99 - 6.28$

9)  $57.89 - 23.41$

(10)  $15.75 - 11.63$

### Exercise 3: Word Problems

- 1) Rangi finds she has \$8.95 in her wallet. She buys a can of coke for \$1.60. How much does she now have?
- 2) Mita has 4.9 metres of denim. She uses 1.4 metres for a skirt. How much has she left?
- 3) James buys a torch for \$8.05 and batteries for \$4.80. How much does he spend on the torch and batteries?
- 4) William is 0.46 metres taller than his Monica. If Monica is 1.3 metres tall. How tall is William?

# Pipe music Homework Sheet Answers

## Exercise 1

- 1)  $2.7 + 4.05 = 6.75$      $2 + 4 = 6$      $6 + 0.7 = 6.7$      $6.7 + 0.05 = 6.75$   
2)  $3.08 + 5.2 = 8.28$     (3)  $3.6 + 5.27 = 8.87$   
4)  $6.04 + 5.8 = 11.84$     (5)  $7.13 + 4.3 = 11.43$   
6)  $11.2 + 7.36 = 18.56$     (7)  $2.38 + 12.61 = 14.99$   
8)  $21.74 + 7.13 = 28.87$     (9)  $6.47 + 3.21 = 9.68$

## Exercise 2: What decimal number goes in the box?

- 1)  $6.4 + \boxed{2.5} = 8.9$     (2)  $2.5 + \boxed{2.4} = 4.9$   
3)  $8.3 + \boxed{7.3} = 15.6$     (4)  $\boxed{6.1} + 5.4 = 11.5$   
5)  $3.75 + \boxed{3.24} = 6.99$     (6)  $\boxed{4.04} + 1.83 = 5.87$   
7)  $18.67 - 8.02 = 10.65$     (8)  $28.99 - 6.28 = 22.71$   
9)  $57.89 - 23.41 = 34.48$     (10)  $15.75 - 11.63 = 4.12$

## Exercise 3: Word Problems

- 5) Rangi finds she has \$8.95 in her wallet. She buys a can of coke for \$1.60. How much does she now have?    **\$7.35**
- 6) Mita has 4.9 metres of denim. She uses 1.4 metres for a skirt. How much has she left?    **3.5m**
- 7) James buys a torch for \$8.05 and batteries for \$4.80. How much does he spend on the torch and batteries?    **\$12.85**
- 8) William is 0.46 metres taller than his Monica. If Monica is 1.3 metres tall, how tall is William?    **1.76m**