

Solutions

Marking: **M1** a correct method, **A1** the correct answer.

Each answer shows the steps, then the **result**.

2.1

- yuan to dollars, so divide by the rate: $504 \div 7.2$

$$= \$\mathbf{70}$$

2.2

- dollars to yuan, so multiply: 85×7.2

$$= \mathbf{612} \text{ yuan}$$

2.3

- $3 \times 4.75 = \$14.25$ and $2 \times 6.40 = \$12.80$

$$14.25 + 12.80 = \$\mathbf{27.05}$$

3.1

(a)

- euros to dollars, so divide: $368 \div 0.92$

$$= \$\mathbf{400}$$

(b)

- compare \$400 with \$415

the camera at 368 euros is **\$15** cheaper

3.2

- normal pay = $38 \times 16.50 = \$627.00$
- overtime hours = $44 - 38 = 6$, so overtime pay = $6 \times 24.75 = \$148.50$

$$627.00 + 148.50 = \$\mathbf{775.50}$$