3 Aimee changes 250 euros into dollars.
The exchange rate is 1 euro = $1.10 .

Calculate the number of dollars Aimee receives.

$$1 \text{€} = \$1.1$$
×250 $\quad 250\text{€} = \$275 \quad$ ×250

$ .... 275 .... [1]

(b) The cost of the flight is $920.
The exchange rate is $1 = 6.87 Chinese yuan.

Find the cost of the flight in yuan.

$$1\$ = 6.87 \text{¥}$$
×920 $\quad 920\$ = 6320.40 \text{¥} \quad$ ×920

.... 6320·40 .... yuan [1]

5 Nina changes 153 euros into dollars when the exchange rate is $1 = 0.9 euros.

Calculate the amount Nina receives.

$$\$1 = 0.9 \text{€}$$
×170 $\quad \$170 = 153\text{€} \quad$ ×170 $\quad$ 153 ÷0.9

$ .... [1]

5 Thor changes 40 000 Icelandic Krona into dollars when the exchange rate is 1 krona = $0.0099 .

Work out how many dollars he receives.

$$1 \text{ krona} = \$0.0099$$
×40 000 $\quad 40000 \text{ k} = \$396 \quad$ ×40 000

$ .... 396 .... [1]

5 Kirsty changes $380.80 into pounds (£) when £1 = $1.19 .

Calculate the amount Kirsty receives.

£1 = $1.19

×320 (£320 = $380.80) ×320   380·80 ÷ 1·19

£ ....320............ [2]

8 Alex changes 190 euros (€) into pounds (£) when £1 = €1.1723 .

Calculate the amount Alex receives.
Give your answer correct to 2 decimal places.

£1 = 1.1723 €

×$\frac{100000}{617}$ (£162.07 = 190€) ×$\frac{100000}{617}$ 190 ÷ 1.1723

£ ....162.07............ [2]

2 **(a)** Anil changes $830 into euros when the exchange rate is 1 euro = $1.16 .
He spends 500 euros.
He then changes the remaining money back into dollars at the same exchange rate.

Work out how much, in dollars, Anil receives.

1 € = $1.16   1 € = $1.16

×$\frac{20750}{29}$ (715.52€ = $830) ×$\frac{20750}{29}$ ×215.52 (215.52€ = $250) ×215.52

715·52 − 500 = 215·52

$ ....250............ [3]

4   (a)   The exchange rate is 1 euro = $1.142 .

    (i)   Johann changes $500 into euros.

        Calculate the number of euros Johann receives.
        Give your answer correct to the nearest euro.

        $500 \div 1.142$

        $1 € = \$1.142$
        $437.83 € = \$500$

        ×437.83 (both sides)

        ......437.83...... euros [2]

    (ii)   Johann buys a computer for $329.
        The same computer costs 275 euros.

        Calculate the difference in cost in dollars.

        $1 € = \$1.142$
        $275 € = \$314.05$

        ×275 (both sides)

        $329 - 314.05$
        $= 14.95$

        $ ......14.95...... [2]

3   In the USA, one gallon of fuel costs $4.83 .
    In the UK, one litre of fuel costs £1.62 .

    The exchange rate is £1 = $1.215 .
    1 gallon = 3.785 litres

    In which country does 1 litre of fuel cost more and by how much?
    Give your answer in dollars.

    Change both into litres and dollars:

    UK:
    $£1 = \$1.215$
    $£1.62 = \$1.9683$
    ×1.62 (both sides)

    USA:
    3.785 litres $= \$4.83$
    1 litre $= \$1.2761$
    ÷3.785 (both sides)

    $1.9683 - 1.2761 = 0.6922$
    (UK costs more)

    ......UK...... by $ ......0.69...... [3]

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1   The table shows the amount received when exchanging **$100** in some countries.

Country	Amount received for $100
Wales	77.05 pounds
India	7437.05 rupees
China	671.20 yuan
Spain	85.35 euros

(a) Brad changes $250 to Indian rupees.

Calculate the amount he receives correct to the nearest rupee.

$100 = 7437.05 ₹

×2.5 ($250 = 18592.625 ₹) ×2.5

..........18593.......... rupees [2]

(b) Wang changes 5400 Chinese yuan into dollars.

Calculate how much he receives in dollars, correct to the nearest cent.

$100 = 671.20 ¥

× 6750/839 ($804.53 = 5400 ¥) × 6750/839   5400 ÷ 671.2

$ ....804.53.......... [2]

(c) Karel changed $300 into 3891 Namibian dollars.

Complete the statement.

$300 = 3891 N.d.) ÷300

÷300 ($1 = 12.97 N.d.

..........12.97.......... Namibian dollars   [1]