CONVERT BETWEEN CURRENCIES

BUILDING BLOCKS

NAME _____ CLASS _____ DATE _____

KEY IDEA

An exchange rate tells you what £1 is worth.
At the fair, £1 = 4 tokens.

Do the same to both sides.



1 £1 = 4 tokens. How many tokens? How many pounds?



a) £2

= ☐ tokens



b) £5

= ☐ tokens



c) 12 tokens

= £ ☐

2 Money in pounds always has 2 digits after the point.

a) 350p = £ ☐

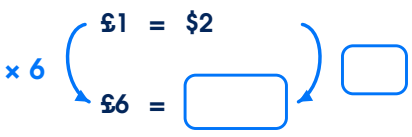
b) 75p = £ ☐

c) 1205p = £ ☐

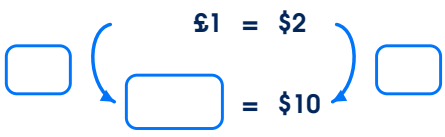
d) Jade wrote £4.5. Write it the correct way: ☐

3 £1 = 2 dollars ($). Fill in the boxes.

a) Change £6 into dollars.

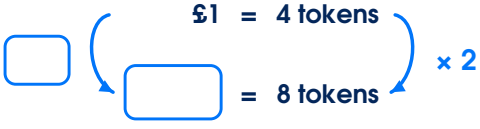


b) Change $10 into pounds.

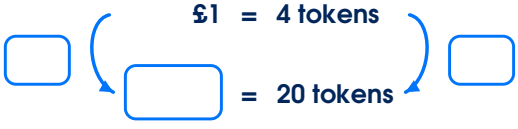


4 £1 = 4 tokens. How much does each ride cost in pounds?

a) A ride costs 8 tokens.



b) A big ride costs 20 tokens.



CONVERT BETWEEN CURRENCIES

SUPPORT

NAME _____ CLASS _____ DATE _____

KEY IDEA

Example rate: £1 = €1.15

Do the same to both sides.

£20 is 20 times £1, so multiply €1.15 by 20 too.

Estimate first: € is worth less than £.

× 20 (£1 = €1.15 ; £20 = €23) × 20

1 £1 = $1.30 (US dollars). Change pounds into dollars.

a) × 10 (£1 = $1.30 ; £10 = ☐) ☐

b) ☐ (£1 = $1.30 ; £40 = ☐) ☐

2 $1.30 = £1. Change dollars into pounds.

a) × 20 ($1.30 = £1 ; $26 = ☐) ☐

b) ☐ ($1.30 = £1 ; $65 = ☐) ☐

3 £1 = 20 Mexican pesos. Fill in the boxes.

a) Change £5 into pesos.

× 5 (£1 = 20 pesos ; £5 = ☐ pesos) ☐

b) Change 300 pesos into £.

☐ (£1 = 20 pesos ; ☐ = 300 pesos) ☐

4 £1 = €1.15. Mia says, "€46 is the same as £52.90."

a) Without calculating, explain how you know Mia is wrong.

.....

b) Find what €46 is really worth.

☐ (€1.15 = £1 ; €46 = ☐) ☐

CONVERT BETWEEN CURRENCIES

CORE

NAME _____ CLASS _____ DATE _____

KEY IDEA

Use a calculator. Estimate first, then multiply by the rate to change pounds into another currency and divide by the rate to change back. Round money to 2 decimal places, e.g. £64.66 not £64.6551.

FLUENCY

1 Convert from pounds. Use the exchange rate given.

a) £1 = €1.16. £85 = € ☐

b) £1 = $1.27. £340 = $ ☐

c) £1 = ¥195 (Japanese yen). £62 = ¥ ☐

2 Convert into pounds. Give each answer to the nearest penny.

a) £1 = €1.16. €75 = £ ☐

b) £1 = $1.27. $500 = £ ☐

c) £1 = ¥195. ¥15 600 = £ ☐

REASONING

3 £1 = €1.16. Headphones cost £84 in the UK or €99 in Spain. Where are they cheaper? Show your working.

Where is it cheaper, and by how much? ☐

4 £1 = $1.27 (US dollars) and £1 = €1.16 (euros).

a) Is $100 worth more or less than £100? Explain without calculating.

b) Lena changed £200 and was given €172.41. What did she do wrong?

How many euros should she get? ☐

CONVERT BETWEEN CURRENCIES

GREATER DEPTH

NAME _____ CLASS _____ DATE _____

REASONING

1 Is each statement always, sometimes or never true? Circle your answer.

If it is sometimes true, give an example of when it is true and when it is not.

a) If £1 buys more than 1 unit of a currency, then £50 buys more than 50 units. ALWAYS SOMETIMES NEVER

b) Changing pounds into a foreign currency gives a bigger number. ALWAYS SOMETIMES NEVER

c) Changing £20 into euros and back again at the same rate (no rounding) gives £20. ALWAYS SOMETIMES NEVER

PROBLEM SOLVING

2 A bureau takes a £5 fee, then changes the rest at £1 = $1.27. Ella hands over £400.

How many dollars does she get? ☐

3 £1 = €1.16 and £1 = $1.27. Change €290 into US dollars.

€290 = $ ☐

★ CHALLENGE FOR ALL

4 Raj changes £600 into yen at £1 = ¥195. On holiday he spends ¥98 000. Back home, he changes the yen he has left into pounds at £1 = ¥205.

a) How many pounds does Raj get back? ☐

b) If the rate had stayed at £1 = ¥195, how much more would he get back?

CONVERT BETWEEN CURRENCIES – ANSWERS

ANSWERS

BUILDING BLOCKS

1 a) 8 tokens · b) 20 tokens · c) £3
2 a) £3.50 · b) £0.75 · c) £12.05 · d) £4.50
3 a) $12 · b) × 5 on both sides: £5
4 a) × 2 on both sides: £2 · b) × 5 on both sides: £5

SUPPORT

1 a) × 10: $13 · b) × 40 on both sides: $52
2 a) × 20: £20 · b) × 50 on both sides: £50
3 a) 100 pesos · b) × 15 on both sides: £15
4 a) A euro is worth less than a pound, so €46 must be fewer than 46 pounds. She multiplied instead of dividing. · b) × 40 on both sides: £40

CORE

1 a) €98.60 · b) $431.80 · c) ¥12 090
2 a) £64.66 · b) £393.70 · c) £80.00
3 €99 = £85.34, so the UK is cheaper by £1.34
4 a) Less – £1 buys more than $1, so a dollar is worth less than a pound · b) She divided by 1.16 instead of multiplying; €232

GREATER DEPTH

1 a) Always · b) Sometimes, e.g. £1 = $1.27 (true); a currency worth more than £1 (e.g. £1 = 0.38 Kuwaiti dinar) (false) · c) Always
2 £395 × 1.27 = $501.65
3 €290 = £250 = $317.50
4 a) ¥117 000 – ¥98 000 = ¥19 000; ÷ 205 = £92.68 · b) ¥97.44, so £4.76 more