



Decimals: Decimal Day

NAME:

CLASS:

DATE:



Basic

1) The list below shows how much profit was made on each stall at a school fair.

Bingo	£13.60
Rifle range	£8.75
Bat the Rat	£18.15
Lucky dip	£31.50
Raffle	£128.90

How much money was made altogether?

2) Driving lessons cost £21.25 per hour. What is the cost of:

- a) 6 hours of lessons. b) 10 hours of lessons. c) 12 hours of lessons.

3) Work out how much money is left from £100 when the following amounts are spent:

- a) £26.34 b) £57.57 c) £42.60 d) £92.65



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Basic

4) What is the difference between five payments of £12.60 and six payments of £10.95?

5) A television costs £359.99; a DVD player costs £195.00.

a) How much dearer is the television than the DVD player?

b) What would be the total cost to purchase both items?

c) What change would you receive from £600 if you purchased both items?

6) Given the exchange rate of £1 = \$1.51, convert the following amounts to dollars:

a) £10

b) £100

c) £200

d) £350

7) Given the exchange rate of £1 = \$1.51, convert the following amounts to pounds:

a) \$10

b) \$100

c) \$200

d) \$350



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Core

1) Work out how much money is left from £100 when the following amounts are spent:

a) £26.34

b) £57.57

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d) £92.65

2) What is the difference between five payments of £12.60 and six payments of £10.95?

3) A television costs £359.99; a DVD player costs £195.00.

a) How much dearer is the television than the DVD player?

b) What would be the total cost to purchase both items?

c) What change would you receive from £600 if you purchased both items?



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Core

4) Given the exchange rate of $\text{£}1 = \$1.51$, convert the following amounts to dollars:

- a) $\text{£}10$ b) $\text{£}100$ c) $\text{£}200$ d) $\text{£}350$

5) Given the exchange rate of $\text{£}1 = \$1.51$, convert the following amounts to pounds:

- a) $\$10$ b) $\$100$ c) $\$200$ d) $\$350$

6) An iPod costs $\text{£}300$ in Scotland, $\$460$ in the USA, $\text{¥}55,000$ in Japan and $\text{€}420$ in Spain.

Given exchange rates of $\text{£}1 = 1.51$ dollars ($\$$), $\text{£}1 = 1.44$ Euros (€), $\text{£}1 = 190$ Yen (¥), in which country is the iPod cheapest?

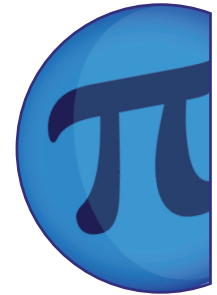


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Advanced

1) What is the difference between five payments of £12.60 and six payments of £10.95?

2) A television costs £359.99; a DVD player costs £195.00.

a) How much dearer is the television than the DVD player?

b) What would be the total cost to purchase both items?

c) What change would you receive from £600 if you purchased both items?

3) An iPod costs £300 in Scotland, \$460 in the USA, ¥55,000 in Japan and €420 in Spain.

Given exchange rates of £1 = 1.51 dollars (\$), £1 = 1.44 Euros (€), £1 = 190 Yen (¥), in which country is the iPod cheapest?



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Advanced

4) In the world of Harry Potter there is a completely different system of money.

There are three units of currency: the Galleon, the Sickle and the Knut.

The Galleon is the mostly highly valued coin and is worth 17 Sickles; a Sickle is worth 29 Knuts.

a) Which is worth more, 5 Sickles or 170 Knuts?

b) Which is worth more, 3 Galleons or 55 Sickles?

c) Which is worth more, 10 Galleons or 5000 Knuts?

5) It has been calculated that a Galleon is worth approximately £5, a Sickle is worth 30p and a Knut is worth 1p. Convert the following to British pounds:

a) 10 Sickles

b) 2 Galleons, 12 Sickles

c) 12 Galleons, 6 Sickles

d) 3 Galleons, 15 Sickles and 15 Knuts



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ANSWERS

Basic

1) £200.90

2) a) £127.50

b) £212.50

c) £255

3) a) £73.66

b) £42.43

c) £57.40

d) £7.35

4) £2.70

5) a) £164.99

b) £554.99

c) £45.01

6) a) \$15.10

b) \$151

c) \$302

d) \$528.50

7) a) £6.62

b) £66.23

c) £132.45

d) £231.79

Core

1) a) £73.66

b) £42.43

c) £57.40

d) £7.35

2) £2.70

3) a) £164.99

b) £554.99

c) £45.01

4) a) \$15.10

b) \$151

c) \$302

d) \$528.50

5) a) £6.62

b) £66.23

c) £132.45

d) £231.79

6) Japan

Advanced

1) £2.70

2) a) £164.99

b) £554.99

c) £45.01

3) Japan

4) a) 170 Knuts

b) 55 Sickles

c) 5000 Knuts

5) a) £3.00

b) £13.60

c) £61.80

d) £19.65