

SMART EXAM RESOURCES
0580 EXTENDED MATH
TOPIC: NUMBERS
SUB-TOPIC: ROUNDING TO NEAREST CENT
SET-1-QP-MS

- 1** A holiday in Europe was advertised at a cost of €245.
The exchange rate was \$1 = €1.06.
Calculate the cost of the holiday in dollars, giving your answer correct to the nearest cent.

Answer \$ [2]

MARK SCHEME:

\$231.13 cao	2	M1 245 / 1.06 or 245 × 0.94(3...) Allow 231, 231.1, 231.13... for M1
---------------------	---	---

- 2 A holiday in Europe was advertised at a cost of €330.
The exchange rate was \$1 = €1.07.
Calculate the cost of the holiday in dollars, giving your answer correct to the nearest cent.

Answer \$ [2]

MARK SCHEME:

\$308.41 cao	2	M1 $330 / 1.07$ or $330 \times 0.93(4579\dots)$ Allow M1 308, 308.4(1...)
---------------------	---	--

3 On a ship, the price of a gift is 24 euros (€) or \$30.

What is the difference in the price on a day when the exchange rate is €1 = \$1.2378?
Give your answer in dollars, correct to the nearest cent.

Answer \$..... [3]

MARK SCHEME:

	0.29 cao	3	M2 for $30 - (24 \times 1.2378)$ or $(24 \times 1.2378) - 30$ or M1 for 24×1.2378
--	----------	---	--