

Place Value Unit 3

Problem solving and reasoning questions

Write the current year in Roman numerals.

Write next year and the year after too.

Write the missing letters in this sequence of numbers:

LXIX, LXXIX, LXXXIX, IX, CIX, IX, IX, IX,

Do this calculation using Arabic numbers:

$$3,496 + 5,514$$

Now do it using Roman numbers.

What do you notice?

Which Roman number <100 uses the most numerals? Is this the same as the amount of money <£1 that uses most coins?

These questions should be provided for children to do once the unit has been completed. They assess the children's mastery of the skills and concepts in this unit.

Place Value Unit 3

Problem solving and reasoning questions and answers

Write the current year in Roman numerals.

Write next year and the year after too.

MMXIX, MMXX, MMXXI

Write the missing letters in this sequence of numbers:

LXIX, LXXIX, LXXXIX, XCIX, CIX, CXIX, CXXIX, CXXXIX,
CXLIX

Do this calculation using Arabic numbers:

$$3496 + 5514 = 9010$$

Now do it using Roman numbers.

What do you notice?

MMMCDXCVI + $\overline{\text{V}}$ DXIV. Difficult to line up in columns and tricky without a zero!

Which Roman number <100 uses the most numerals? Is this the same as the amount of money <£1 that uses most coins?

LXXXVIII (88)

88p needs a minimum of 6 coins 50p, 20p, 10p, 5p, 2p, 1p (as does 89p, 98p and 99p).

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