

MATHS

YEAR 5

NUMBER: MULTIPLICATION AND DIVISION

NC. Objective: To multiply and divide numbers up to 4-digits by 1-digit and establish whether a number up to 100 is a prime.

1. The castle's kitchen stores 3,672 apples and the chef wants to divide them equally between 6 baskets.

How many apples will be in each basket?

$$6 \overline{) 3672}$$

2. A travelling merchant brings 4,568 coins to the castle and wants to distribute them equally among 7 villagers.

How many coins will each villager get and how many coins will be left over?
Show your working.



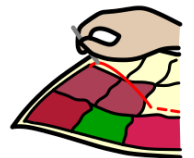
3. Claudius orders 2,432 barrels of ale for each feast.

If there are 5 feasts due to occur, how many barrels should he order?

$$\begin{array}{r} 2432 \\ \times \quad 6 \\ \hline \end{array}$$

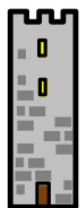
4. Ophelia is weaving 3 tapestries, each 426 meters long.

How many meters of fabric does she need in total?
Show your working.



5. 9 new towers are being built at Elsinore Castle. Each tower costs £1,752.

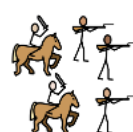
What is the total cost?
Show your working.



6. The guards patrol the castle in groups. Which of these numbers could be the size of a prime-numbered patrol?



29



33



37



42