MATHS

YEAR 4
NUMBER: MULTIPLICATION AND DIVISION

NC. Objective: To multiply two-digit and three-digit numbers by a one-digit number using formal written layout and solve integer scaling problems.

1. The Royal Kitchen bakes 76 pies and each pie is cut into 4 slices.

   How many slices are there altogether?

   $$\begin{array}{r} 7\,6 \\ \times\ \ 4 \\ \hline \end{array}$$
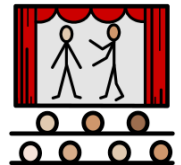
2. The castle library has 102 bookshelves. Each shelf holds 7 books.

   How many books are there in the library altogether?

   $$\begin{array}{r} 1\,0\,2 \\ \times\ \ \ 7 \\ \hline \end{array}$$

3. The travelling players perform 215 plays during their visit. Each play lasts 2 hours.

   How many hours of performance are there in total?
   Show your working.

4. Hamlet finds a treasure map. It says the treasure is 5 times further than the 12 miles that can be seen from the castle tower.

   How far away is the treasure?

5. Ophelia's garden is 4 times larger than the 18 square metres of the herb garden.

   How large is Ophelia's garden?

6. Hamlet's study has 18 candles to light at night. For the Grand Hall, they need 5 times as many candles to illuminate the space.
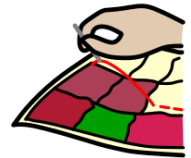
How many candles are needed for the Grand Hall?

7. A messenger rides 12 miles to deliver a message to the nearby town. Another messenger's journey is 3 times longer.
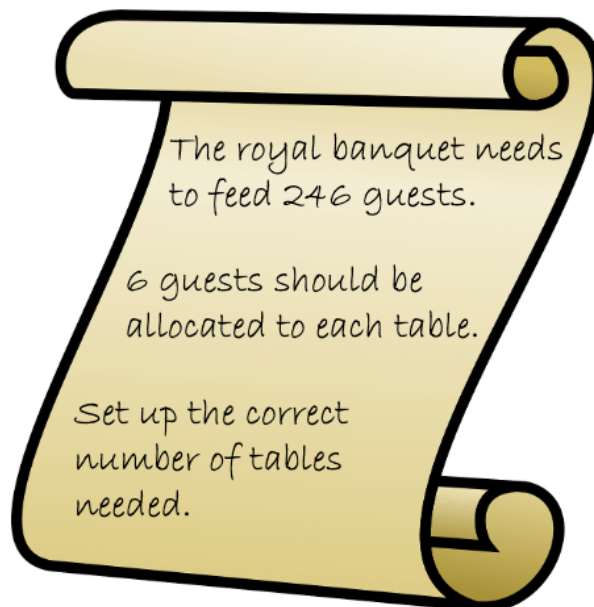
How far does the second messenger travel?

8. Ophelia weaves a tapestry that measures 22 meters in length. She plans to make a new tapestry that is 6 times longer.

How long will the new tapestry be?

CHALLENGE – Plan the feast!

One of the servants found a note left by Claudius:

The royal banquet needs to feed 246 guests.

6 guests should be allocated to each table.

Set up the correct number of tables needed.

Help the servant set up the feast by solving the problem.