

EVERYONE  
ENGAGED



EXPLAIN AND  
ELABORATE



ACTIVE  
LISTENING



TEACH AND  
SUPPORT



JOB DONE



McKie Mastery  
**Power**  **Maths** <sup>TM</sup>   

XIV.VII.MMX

LO: To identify factors that make a given product

**Success Steps:**

**Identify any known factors of the total (what times tables is it in?)**

**Divide the total by the factor, annotate the answer**

**Use times table knowledge to identify the two remaining factors**

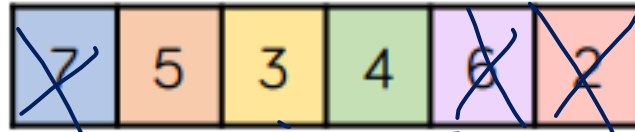
**JOB DONE**



# Varied Fluency

# Think Aloud

Make the target number of 84 using three of the digits below.



$$\boxed{2} \times \boxed{7} \times \boxed{6} = 84$$

$$\begin{array}{r} 42 \\ 2 \overline{)84} \end{array}$$

Multiply the remaining three digits together, what is the product of the three numbers?

$$5 \times 3 \times 4 = 60$$

Is the product smaller or larger than 84?

Smaller

$$\begin{array}{l} 12 \times 10 = 120 \\ 12 \times 5 = 60 \end{array}$$

## Success Steps:

Identify any known factors of the total (what times tables is it in?)

Divide the total by the factor, annotate the answer

Use times table knowledge to identify the two remaining factors

Look at the 3 numbers.

Identify the 'easiest' multiplier to calculate with.

Multiply the other two numbers, annotate the answer.

Multiply that product by the third number

ACTIVE LISTENING

