

# Interleaved practise

Year 4, week 8

Number:

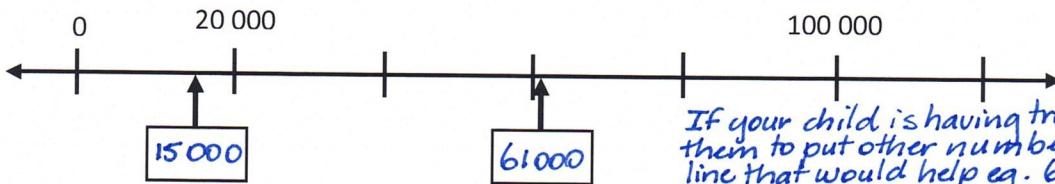
1. Make up a number pattern that starts with the number 1205 and uses addition or subtraction. Write it on the lines and describe the pattern. *Your child will come up with their own pattern. Check that the description matches the pattern.*
- 1205, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

2. Some biscuits are packed in boxes in layers that look like this. How many biscuits would there be if there were 3 layers in a box? Show how you worked it out.



*Your child might think 6x6 or 12x3 or use a counting strategy. Answer is 36*

3. What numbers would go where the arrows are pointing



*If your child is having trouble, ask them to put other numbers on the line that would help eg. 60,000, 10,000.*

4. If I add two odd numbers together, will my answer be odd or even? Give two examples that prove your answer. *Even*

*e.g. 7 + 5*



*or*

*15 + 23 = 38*

5. Write equivalent fractions for each of these fractions

$\frac{1}{2} = \frac{2}{4}$      $\frac{1}{2} = \frac{3}{6}$      $\frac{1}{5} = \frac{2}{10}$      $\frac{3}{4} = \frac{9}{12}$      $\frac{2}{6} = \frac{6}{18}$

Measurement/Geometry:

6. This measuring jug holds 1.2L of liquid. I use 4 jugs to fill my bucket. What is the capacity of my bucket?



$$\begin{aligned} & 4 \times 1.2L \\ & = 4L + 4 \times 0.2L \\ & = 4L + 0.8L \\ & = 4.8L \end{aligned} \quad \left| \begin{aligned} & 4 \times 1200 \text{ mL} \\ & = 4800 \text{ mL} \\ & \text{or } 4.8L \end{aligned} \right.$$

7. How many hours are there in 2½ days?  $2 \times 24 \text{ hrs} + 12 \text{ hr} = 60 \text{ hrs}$

On the back of this sheet, draw 3 shapes that are symmetrical.

*Ask your child to draw a line to show symmetry on their drawings.*

Chance/Data:

9. Draw the counters that are in the bag using this information:

- There are 24 counters in the bag. They are blue, yellow and red.
- If I shut my eyes and take out a counter, I have the same chance of drawing a blue or a yellow counter.
- I have a greater chance of drawing a red counter.

*Your child's answer may be different. Make sure they have 24 total and more red than yellow or blue.*

