

# Interleaved practise

Year 6, week 3

Number:

1. Complete the following number sequence and describe the rule used:

8.73, 8.83, 8.93, 9.03, 9.13, 9.23, 9.33

Starting with 8.73, I added 0.1 to each number in the sequence

2.  $52\ 342 - \underline{21\ 815} = 30\ 527$

3. Write the numbers 20 to 35 in the correct box.

Prime Numbers	Composite Numbers
23, 29, 31	20, 21, 22, 24, 25, 26, 27, 28, 30, 32, 33, 34, 35.

4. Read this number and say it: 4 051 738. Round it to the nearest 10, the nearest 100, the nearest 1000, and the nearest 10 000.
- 4 051 740 (nearest 10)    4 051 700 (nearest 100)  
 4 052 000 (nearest 1000)    4 050 000 (nearest 10 000)

5. What is  $\frac{3}{5}$  of 30? Work it out in two different ways.  
 Your child needs to show their working.  
 Examples:  $3(30 \div 5)$  or  $3 \times 6 = 18$

$$\frac{3}{5} \times \frac{30}{1} \text{ then } 90 \div 5 = 18$$

Measurement/Geometry:

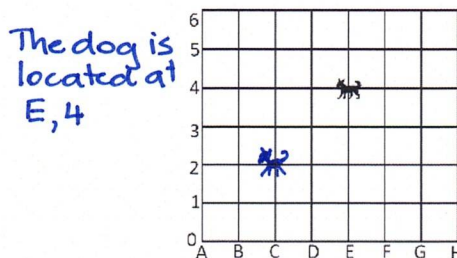
6. Use a measuring jug from your kitchen. Find one container that holds less than your measuring jug and one that holds more than it. Use the measuring jug to find out how much water, each container will hold. Record your findings in millilitres and then in litres.  
 It doesn't matter how big the measuring jug is. What is important is the relationship between the containers. It is easier to find out how much water a container can hold by emptying it into the measuring jug. Convert millilitres into litres by dividing by 1000.
7. You need to catch a bus to school from Main Road and be there in time for sports practice at 8:30am. Use the timetable to decide when you need to be at your bus stop and why.

Stops	Central line	Central line	Central line	Central line
Junction Street	7:46am	8:01am	8:16am	8:31am
Main Road	7:48am	8:03am	8:18am	8:33am
Anzac Avenue	7:52am	8:07am	8:22am	8:37am
Central School	7:55am	8:10am	8:25am	8:40am
Central Shopping Centre	8:01am	8:16	8:31am	8:46am

Any of the first three buses would be fine depending on the reasons eg. Need time to get ready, change shoes etc.

Your child may also want to beat the stop before the scheduled time in case it is early.

8. Write the grid reference for the dog. Draw another dog at C,2 on the grid.



Chance/Data:

8. In this graph, each block represents 5 people. How many people like each colour? What else can you tell from the information in the graph? Write 2 true statements.

Red - 25    Yellow - 15    Blue - 30    Purple - 20

Example true statements:

- Yellow is the least popular colour.
- 90 people answered the question
- 15 more people like red than yellow.

Our favourite colours

