

Interleaved practise

Year 7, week 2

Number:

- Year 7 is selling cupcakes to raise money for camp. Each student is asked to bring 6 cupcakes for the sale. Complete the table to show how many cakes they would have to sell:

students	1	2	3	4	5	8	15	23
Cakes	6	12	18	24	30	48	90	138

2. $478 + 253 + 269 = 1000$

- Write down all of the factors of 48.

The factors are: 1, 2, 3, 4, 6, 8, 12, 16, 24, 48

If your child is having difficulty finding them all give your child some objects to make into groups or arrays.

- If you are counting in hundredths, what number comes after 509.99?

510

- Which of these two bikes represent the best value for money? How do you know?

 25% off  half price
 \$340.00 \$470.00 ✓

*25% (1/4) of \$340 = 85
 so this bike would cost \$255
 1/2 x \$470 = \$235
 so this bike would cost \$235*

Measurement/Geometry:

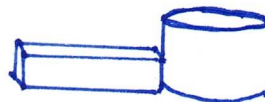
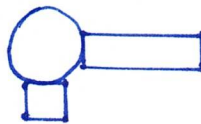
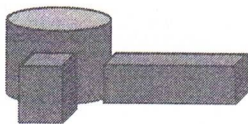
- Use a ruler or tape measure to find the length of 5 objects that are longer than 60cm and shorter than 2 metres. Write the name of the objects and their length in both centimetres and metres.

*Examples: Something that is 78cm long is 0.78m in length
 Something that is 1m and 20cm is 1.2m or 120cm long*

- Your favourite television show runs for 100 minutes? If it finished at 16:30, what time did it start?

14:50 or 2:50 pm or 10 minutes to 3

- Draw what this shape would look like from above and from the other side.



Chance/Data:

- This table shows data collected when students were asked to choose their favourite colour. Fill in the missing data and write down three facts that you can learn from the table.

What is one thing that the table **does not** tell you?

	Red	Blue	Purple	Yellow
Girls	6	5	3	5
Boys	4	7	5	1
Total	10	12	8	6

Examples of facts

- More boys like blue than girls*
- More girls answered than boys*
- The most popular colour was blue*
- 36 people were asked*
- The least popular colour was yellow*

*what the table does not tell you
 Examples: If anyone likes green
 Their favourite food
 what shade of blue they like*