

Interleaved practise

Year 4, week 4

Number:

1. Complete the following number sequence and describe it:

28, 32, 36, 40, 44, 48, 52, 56, 60

Any of the following descriptions is correct:
- adding 4
- counting in 4s
- multiples of 4

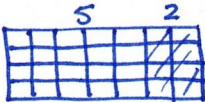
2. Find the answer and show how you worked it out.

$$\boxed{582} = 197 + 385$$

3. What number has 31 thousands, 2 hundreds, 16 ones and 4 tens?

31 256

4. Draw what 4×7 looks like and show how you would work out the answer.

4 
$$\begin{aligned} & 4 \times 5 + 4 \times 2 \\ & = 20 + 8 \\ & = 28 \end{aligned}$$

5. How much change will you receive from \$2.50 if you buy 2 chocolates worth 95c each? Show how you worked it out.

$$\begin{aligned} & \$2.50 - (95c + 95c) && \text{or} && \$2.50 - 2 \times 95c \\ & = \$2.50 - \$1.90 \\ & = \$0.60 && \text{or} && 60c \end{aligned}$$

Measurement/Geometry:

6. Find a rectangular prism (box, like for cereal) and a cylinder. How many faces or curved surfaces do they each have? What do you notice about the faces, edges and vertices (corners)? How are they the same? How are they different?

Rectangular Prism

- 6 faces, no curved surfaces
- 12 edges
- all faces are rectangles
- 8 vertices

Cylinder

- 2 round faces (circles)
- 1 curved surface
- 2 edges
- 0 vertices

Your child can use these facts to describe what is the same or different.

7. How many hours are there between 2:45pm and 5:15pm?

2½ hours

8. How many minutes are there in 3¼ hours? $60 \times 3 + 15 \text{ mins}$
 $= 180 \text{ mins} + 15 \text{ mins}$
 $= 195 \text{ mins.}$

Chance/Data:

9. Roll a dice 50 times and record how many times each number comes up. Use the table below to record your results.

Number	1	2	3	4	5	6
Number of times rolled						

The answer will vary depending on the numbers rolled.
Your child may choose to use tally marks to record the results either straight onto the table or elsewhere, adding the total number to the table later.