Number problems

1. Gemma has seven nieces and nephews. She bought them each a present that cost $56. How much did she spend altogether?

2. Errol played a game where place value spinners were used to generate numbers to be multiplied. He spun 3875 and 43. What is the product of the two numbers?

3. Fifty-three Year 6 students were put into teams for sport. There were eight students in each team. How many teams could be made up, and how many students were left out?

4. Show bags were made up with 7 chocolate bars in each. There were 60 bars altogether. How many show bags could be made, and how many bars would be left over?

5. Summer went on a 7-week exchange visit to Japan. Her parents gave her $250 spending money. She did an estimate of about how much she could spend each week. What would be a reasonable estimate?

6. List all the factors of 36.

Fractions and Decimals

1. (a) Write the following fractions in order from smallest to largest. $\frac{1}{2}$, $\frac{1}{10}$, $\frac{1}{4}$, $\frac{1}{3}$

   (b) Show all the above fractions on the number line below:

   0 ——— 1

2. Write the following decimals in order from smallest to largest. 0.25, 0.889, 0.05, 0.98, 0.005

3. Tick the bigger foot length.

   (a) ☐ $\frac{172}{1000}$ metres

   (b) ☐ $\frac{22}{100}$ metres

Patterns and algebra

1. Count **up** in quarters from $2\frac{1}{2}$ ____, ____, ____, ____

2. Count **back** by 1.2 from 21.6 ____, ____, ____

3. Count **back** by halves from $7\frac{3}{4}$ ____, ____, ____

4. Continue this pattern:
   5.2, 4.5, 3.8, ____, ____, ____

5. Continue the pattern on the number line below:

   0.3 ——— 0.6 ——— 0.9 ——— ____ ——— ____ ——— ____

6. Write the missing numbers in the spaces below:

   (a) $8 \times 5 = (1 \times 5) + ($ ____ $\times 5)$

   (b) $72 \div 9 =$ ____ $\div 7$

Money and financial mathematics

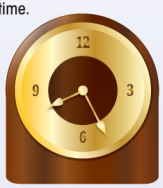
1. James decided to calculate his 4-weekly budget. He spends about $15 a week at the canteen; $4.50 a fortnight for a magazine; and $2 a day on after-school snacks.
   How much does he spend every 4 weeks?

Measurement

Time

1. Write the time shown on the clock in 12-hour time.

2. Write Julie's bedtime shown on the clock, in 24-hour time.



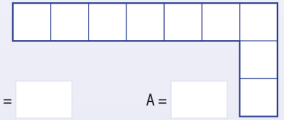
Metric Units

1. Match the units used to measure the following items.

Height of a door	kg
Area of a book cover	mm
Capacity of a cup	cm
Width of a fingernail	cm^2
Mass of an alsatian dog	mL

2. Calculate the perimeter and area of the two shapes below:

   (a)

   P = ____ A = ____

   (b)

   P = ____ A = ____