Making More

Problem One

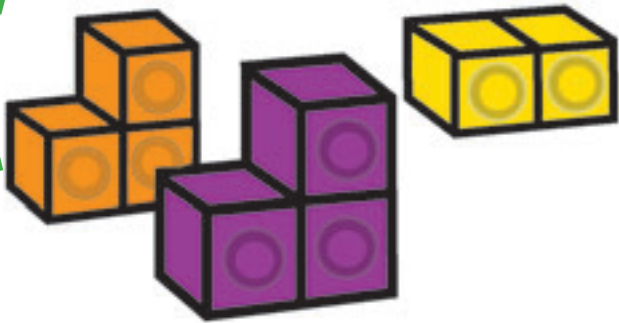Tāne has just started doing odd jobs for his mum after school and in the weekend.

He thinks he should get paid:

- $1 on the first day
- $2 on the second day
- $4 on the third day.

Each day, he wants to get paid twice as much as the day before.

a.   How much money altogether would Tāne earn in the first week?

b.   Do you think his mother will agree to this?
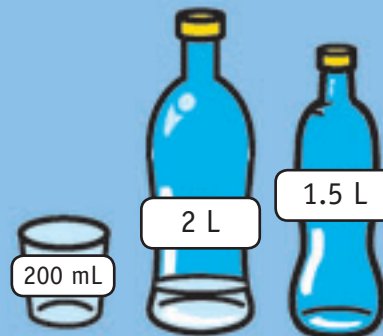
Problem Two

a.   Arrange these multilink pieces to make one cube.

b.   Draw three different pieces that would also join together to make a cube.

Problem Three

Peta has poured one glass of water into this 2 litre bottle.

a.   How many glasses will fill it up?

b.   How many glasses will fill up a 1.5 litre bottle?

200 mL   2 L   1.5 L

Problem Four

Put the numbers 1, 2, 4, 5, 6, 7, 8, 10, and 11 into the circles so that each row adds to the same total.

Use each number in only one circle.

Applying problem-solving strategies