

Name: \_\_\_\_\_ Year: \_\_\_\_\_ Date: \_\_\_\_\_

### Task 1

Graham said that  $\frac{1}{2} + \frac{1}{6}$  is equal to  $\frac{2}{8}$ .

a) Can you explain how he "added" the fractions?

b) How can you show that he is incorrect?

c) What is the correct answer?

### Task 2

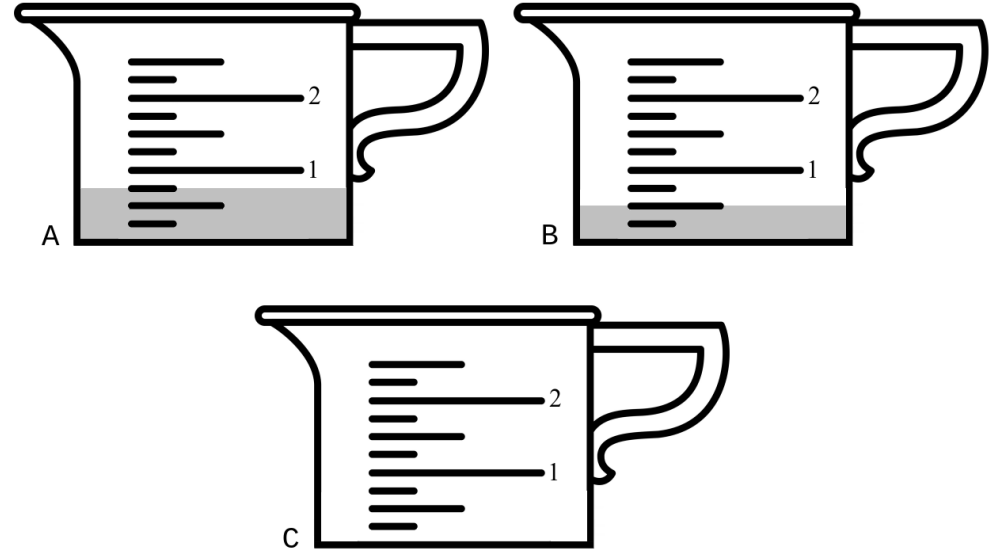
Sheila ate  $\frac{1}{3}$  of a giant cookie in the morning and  $\frac{2}{9}$  in the evening. In total, had she eaten more than half of the cookie? Why?

### Task 3

Instead of giving Marc's full allowance at the beginning of the month, Marc's father said that he will receive two fifths in the first week, three tenths in the second week and the rest in the third week. What fraction of his allowance will Marc receive in the third week?

### Task 4

Show what level the water will reach when you pour in the water from cups A and B into C.



Can you explain what you did using fractions?

**Task 5**

Saima spent  $\frac{1}{4}$  of her pocket money on a computer game and  $\frac{5}{12}$  on a ticket for a concert. Work out the fraction of her pocket money that she has spent.

**Task 6**

Which sum is closer to 1?

$$\frac{1}{2} + \frac{3}{8} \quad \text{or} \quad \frac{1}{3} + \frac{5}{9}$$

Why?