

Problem One

Grandma feeds Smokey one sixth of a can of petfood in the morning. She feeds Smokey another one third of a can in the evening.

How many days will one can last for?



Problem Two

For centuries Māori used the Whanganui Awa (River) as a waka highway. Nowadays Whanganui Awa is a tourist attraction.

If you row your waka from Taumarunui to Maharunui you are one third of the way to Pipiriki. The part from Maharunui to Mangapurua is another two fifths of your trip.

What fraction of the trip is it from Mangapurua to Pipiriki?



Problem Three

Lisa spends one quarter of her day at school, one eighth of her day playing, and one third of her day sleeping.

What fraction of her day is left for other things, like sport, socialising, eating and washing?



Problem Four

Arrange the digits, one in each box, to make the equation is correct.

$$\begin{array}{c} \boxed{1} \end{array} \begin{array}{c} \boxed{2} \end{array} \begin{array}{c} \boxed{3} \end{array} \begin{array}{c} \boxed{6} \end{array} \begin{array}{c} \boxed{7} \end{array} \begin{array}{c} \boxed{8} \end{array}$$

$$\frac{\boxed{}}{\boxed{}} + \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}\boxed{}}{\boxed{2}\boxed{4}}$$

Problem Five

For each addition below decide whether the answer will be closer to zero, one half, one, or two.

a) $\frac{3}{8} + \frac{3}{5} = \frac{\boxed{}}{\boxed{}}$ **Closest to?**
 zero one half one two

b) $\frac{3}{6} + \frac{1}{15} = \frac{\boxed{}}{\boxed{}}$ **Closest to?**
 zero one half one two

c) $\frac{5}{4} + \frac{4}{5} = \frac{\boxed{}}{\boxed{}}$ **Closest to?**
 zero one half one two

d) $\frac{3}{20} + \frac{1}{15} = \frac{\boxed{}}{\boxed{}}$ **Closest to?**
 zero one half one two