

Varied Fluency 1

Adam and Rachael have been growing sunflowers.

Rachael's sunflower is 2.628m high.

Adam's is only half the size of Rachael's.

How tall is Adam's flower in cm?



Problem Solving 1

A sack of coal weighs 4,050g.
A trailer can carry a maximum weight of 48.6kg.



How many sacks can be loaded onto the trailer?

Problem Solving 2

Arrange the digit cards to make the following statement true.

$$\begin{array}{|c|} \hline 2 \\ \hline \end{array} \begin{array}{|c|} \hline 0 \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline 6 \\ \hline \end{array} \text{ cm} > \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline . \\ \hline \end{array} \begin{array}{|c|} \hline 0 \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array} \text{ m}$$

4

5

0

Reasoning 1

A petrol tank holds 45,000ml. Dave puts $12\frac{3}{4}$ L of fuel in his car and says,



I have space for 30L left in the tank.

Is he correct? Explain your answer.