

KS2 Problem Solving Questions

Tuesday 14th March 2017

1 Work out

$$23 \text{ seconds} + \frac{1}{12} \text{ of a minute} = \boxed{} \text{ seconds}$$

$$7 \text{ hours} + 150 \text{ minutes} = \boxed{} \text{ hours}$$

2 Here are some digit cards.



- (a) What is the largest 2-digit number you can make that is divisible by 4?
- (b) What is the largest 2-digit number you can make that is divisible by 8?

3 A jar contains 30 sweets.



The weight of the jar and sweets is 620g.

David eats 12 sweets.

The weight of the jar and sweets is now 440g.

How much does the jar weigh?