

Wednesday (hard) – LO: to calculate with metric measures.

Varied fluency

Reasoning and problem solving

9a. A performance lasts for 150 minutes. It is shown four times during the week.



How many hours of performing time are left that week if 45% of it is already completed?



VF

10a. True or false?

Matt only needs to drink 0.05l of water to have drunk 3 litres today. He has already drunk 2050ml.



VF

11a. A large bag of potatoes weighs 6kg and a box of sugar weighs $\frac{3}{5}$ of the weight of potatoes.



How heavy is the washing powder in grams?



VF

12a. Four girls have their hair cut and donate it for wigs.

Maddie	Niamh	Amy	Eden
0.34m	45% of 1.25m	$\frac{4}{7}$ of 140cm	0.120m

How many centimetres of hair do they donate altogether?



VF

7a. A new pair of curtains measures 2.08m. The length from the curtain rail to the floor is $\frac{1}{8}$ metre longer than the curtains.

How many more metres of material did they need to get?



PS

8a. Jayne has 3.85 litres of lemonade. Dom has 40% more than her. Show his measurement compared to Jayne's using the digit cards – not all the cards you need are showing.

5 ? ? 0 ml > ? . 8 ? l

3 9 5



PS

9a. Each child brings in a tin of food for the Harvest festival. A tin weighs 0.405kg. There are 45 children in the class. Jacob says,



The basket holds up to 20kg so will be able to hold all the tins.

Is he correct? Explain your answer.



R