Y2 Measuring Money Time

KS1 Y2 Maths · Follows the national curriculum

Name _____ Class _____ Date _____

1. Worked example

Which takes longer: 1 hour or 45 minutes?

Step 1 · Change to the same unit

1 hour = 60 minutes

Step 2 · Compare 60 and 45

60 > 45

Answer: 1 hour takes longer

Check: 45 minutes is three quarters of an hour ✓

2. Now try one with the steps

A tower of blocks is 30 cm tall. Ivy adds 25 cm more. How tall is it now?

Step 1 · Add the lengths

Step 2 · Keep the unit

Answer:

3. Practice

Have a go at each one. There is space underneath to work it out.

1. Which unit would you use to measure the length of a book: cm or kg?

2. Which unit would you use for how much juice is in a glass: ml or °C?

3. Which is longer: 20 minutes or 1 hour?

4. Which is shorter: half an hour or a quarter of an hour?

5. A ribbon is 50 cm. Another is 30 cm. What is the total length in cm?

6. A bag of flour weighs 2 kg. How much do 5 bags weigh, in kg?

7. It is 18 °C in the morning and 23 °C in the afternoon. How many degrees warmer is the afternoon?

8. Pip buys a pen for 40p and a ruler for 35p. How much does she spend?

9. Pip pays for her 75p shopping with £1. How much change does she get?

10. A bottle holds 100 ml. Three friends each drink 20 ml. How much is left, in ml?

11. A TV show starts at half past 5 and lasts half an hour. What time does it end?

12. Reading time starts at 10 o'clock and ends at quarter past 10. How many minutes is that?

13. Order from shortest to longest: 1 hour, 10 minutes, half an hour

14. Kit says 1 day is 12 hours long. Is he right? How many hours are in a day?

4. Before you hand it in

Using the wrong kind of unit, like measuring a pencil in kilograms.
Ask first: am I measuring length (cm, m), mass (g, kg), capacity (ml, l), temperature (°C), money (p, £) or time (minutes, hours)?

Thinking 45 minutes is longer than 1 hour because 45 is bigger than 1.
Change to the same unit: 1 hour = 60 minutes, and 60 > 45.

Losing the unit in a two-step problem.

Write the unit at every step: 30 cm + 25 cm = 55 cm.

Counting the hours on a clock when finding how many minutes something lasts.

Count on in 5s or quarter hours from the start time to the end time.