

Discussion Problems

Step 4: Time to the Half Hour

National Curriculum Objectives:

Mathematics Year 1: (1M4a) [Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times](#)

About this resource:

As this resource is aimed at Year 1, we recommend that an adult reads the problem to children who cannot yet access it for themselves.

This resource has been designed for pupils who understand the concepts within [this step](#). It provides pupils with more opportunities to enhance their reasoning and problem solving skills through more challenging problems. Pupils can work in pairs or small groups to discuss with each other about how best to tackle the problem, as there is often more than one answer or more than one way to work through the problem.

There may be various answers for each problem. Where this is the case, we have provided one example answer to guide discussion.

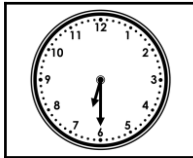
We recommend self or peer marking using the answer page provided to promote discussion and self-correction.

More [Year 1 Time](#) resources.

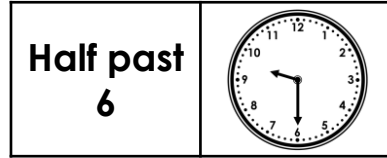
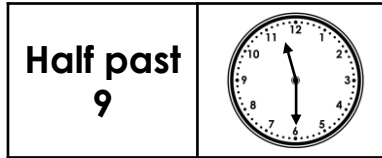
Did you like this resource? Don't forget to [review](#) it on our website.

Time to the Half Hour

1. Ethan has arranged his loop cards to match the time to the correct clock.



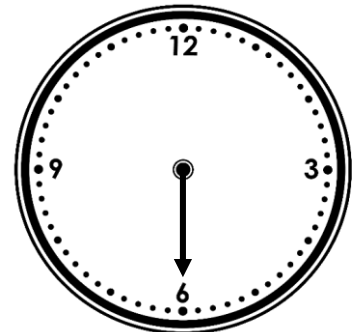
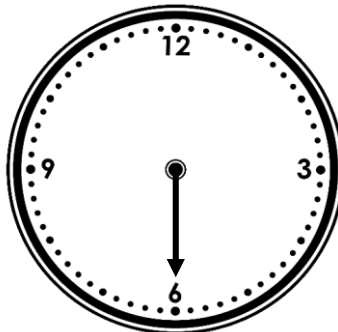
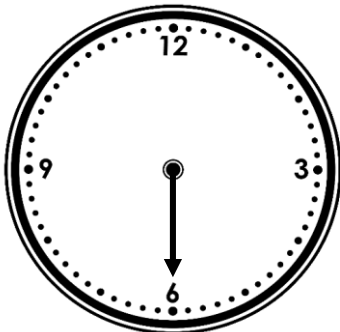
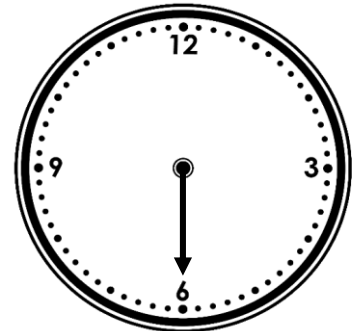
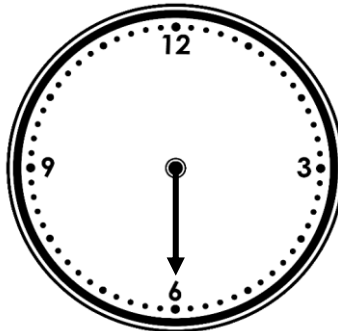
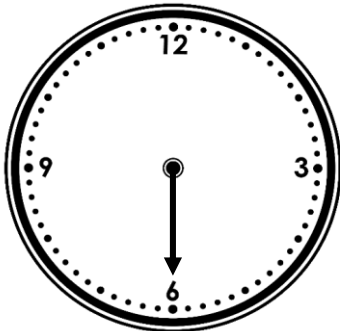
Half past
2



Has he arranged them correctly? Prove it!

DP

2. Roll two dice and add the two values together to give you an hour hand for each clock.



Order the clocks you have drawn from earliest time to the latest time.

DP








Time to the Half Hour

1. Ethan has arranged his loop cards to match the time to the correct clock.

Has he arranged them correctly? Prove it!

Ethan has not arranged them correctly. Accept any answers which correctly justifies why they are not ordered correctly. For example: half past 6, half past 9 and half past 11 are in the wrong place.

Correct arrangement:

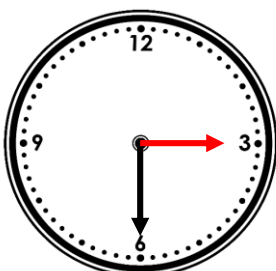
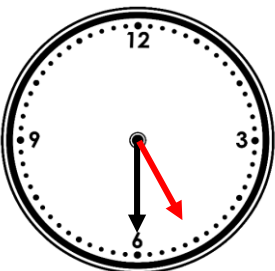
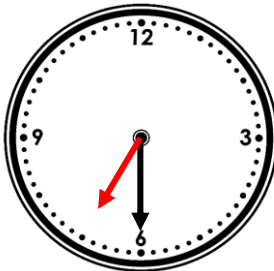
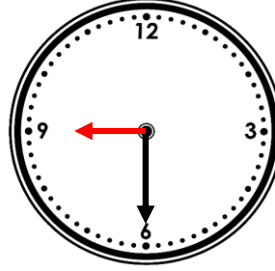
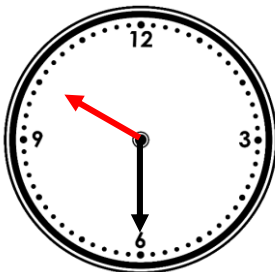
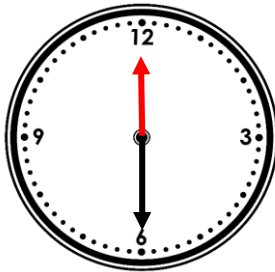
Half past 6		Half past 9	
		Half past 8	
Half past 2		Half past 3	

DP

2. Roll two dice and add the two values together to give you an hour hand for each clock.

Order the clocks you have drawn from earliest time to the latest time.

Various answers, for example:

			
rolled 2 and 1	rolled 3 and 2	rolled 6 and 1	rolled 5 and 4
			
rolled 5 and 5	rolled 6 and 6		

DP