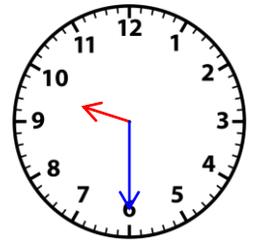


IAL: compare hours, minutes and seconds.

Read the information below.

Clocks tell us about the hours, minutes and seconds in a day.

Seconds are a short measure of time. If it only takes seconds to do something you can do it quickly. Activities that would take seconds to complete could include picking up a pencil and waving at a friend.



Minutes are longer than seconds. Each minute, the big hand goes past another little mark on the clock. Activities that may take minutes to complete may include eating your dinner and getting dressed.

Hours are an even longer measure of time. Hours are longer than seconds and minutes. It takes one hour for the big hand to travel around the clock.

Choose A, B or C and complete the activity. If you would like to complete more than one activity, you can.

A

Look at the activities below. Decide whether you think it would take seconds, minutes, or hours to complete them and write the answers below.

seconds

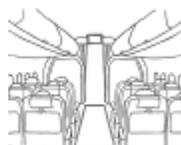
minutes

hours



hop

seconds



fly on a plane

hours



sneeze

seconds



watch TV

minutes



sleep at night

hours



read a book

minutes



jump

seconds



a day at school

hours

B

Complete the sentences using the words below.

longer than

shorter than

the same as

24 hours is longer than 20 hours.

1 hour is shorter than 24 hours.

30 seconds is longer than 13 seconds.

1 hour is longer than 1 minute.

1 week is the same as 7 days.

60 seconds is shorter than 60 minutes.

16 minutes is shorter than 27 minutes.

One day is the same as 24 hours.

Complete the sentences using the words below.

earlier than

later than

8 o'clock is earlier than than 9 o'clock.

10 o'clock is earlier than than half past 10.

9 o'clock is later than than 7 o'clock but

earlier than than 11 o'clock.

Half past 7 is later than than 6 o'clock but

earlier than than half past 8.

C

Look at worded problems below.

Three dogs had a race around the park. Here are their times.

Buster	Max	Spot
		
15 minutes	7 minutes	5 minutes

Use the words below to complete the sentences.

faster

slower

fastest

slowest

Hint: the bigger the number is, the longer it took them, so the slower they are!

Buster slower is than Spot. Buster is the slowest. Max is slower than Spot. Spot is faster than Max. Max is faster than Buster. Spot is the fastest.

Write the name of the correct dog.

Which dog was 2 minutes faster than Max? Spot

Which dogs was 10 minutes slower than Spot? Buster

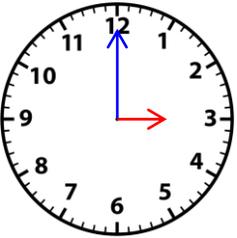
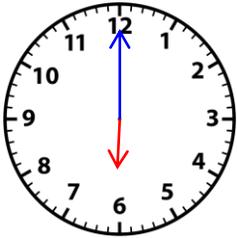
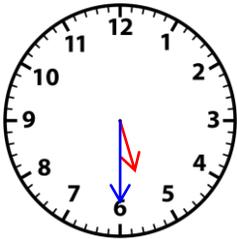
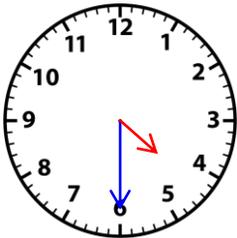
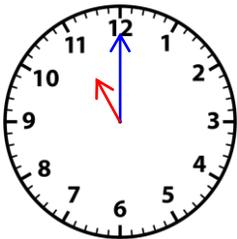
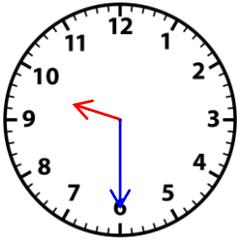
Which dog was 8 minutes faster than Buster? Max

IAL: to tell the time to o'clock and half past.

Choose A, B or C and complete the activity. If you would like to complete more than one activity, you can.

A

Match the clocks to their correct times.



three o'clock

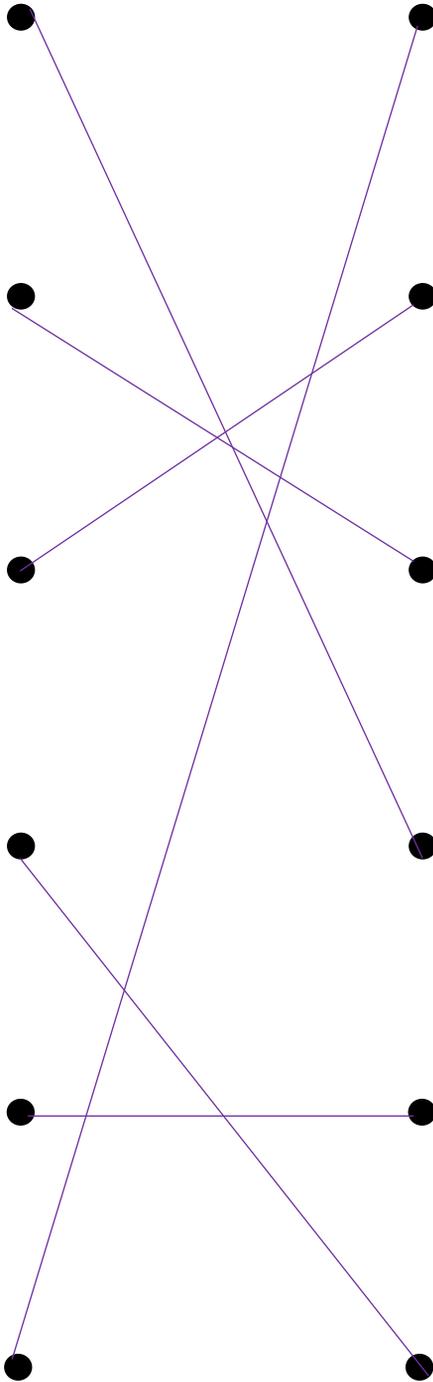
half past four

eleven o'clock

half past nine

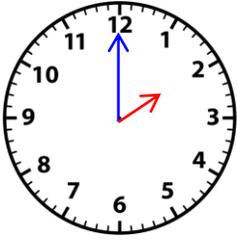
six o'clock

half past five

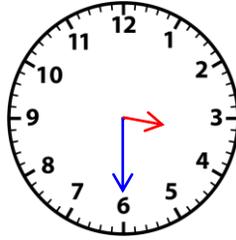


B

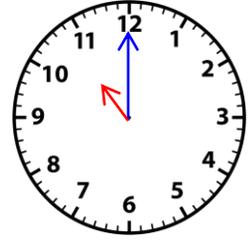
Read the time below the clock. Draw the missing hands onto the clocks.



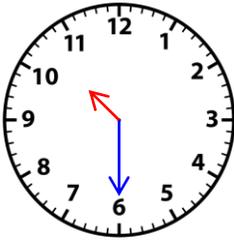
two o'clock



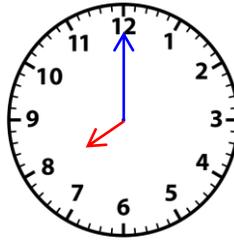
half past three



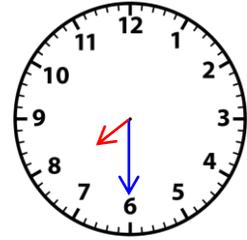
eleven o'clock



half past ten

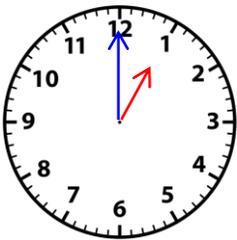


eight o'clock

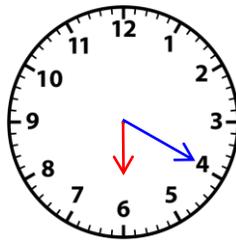


half past seven

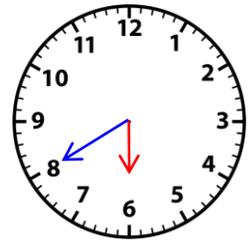
Below is Laurie's work. He has made few mistakes drawing the hands on the clocks. One is correct. Tick the clock with the correct answer.



one o'clock ✓



half past 4



half past 8

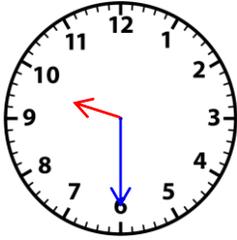
Explain Laurie's mistake.

When drawing 'half past' on the clock, Laurie has used the hour hand (the red one), instead of the minute hand (the blue one), to point to the number six so it is not showing half past. He should have pointed the minute hand to the number six to show half past.

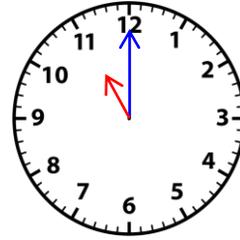
C

Write the time under each clock in words. Use the word bank to help you.

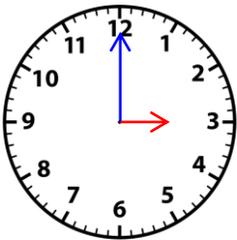
o'clock	half past	one	two	three
four	five	six	seven	eight
nine	ten	eleven	twelve	



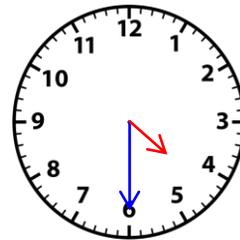
half past nine



ten o'clock

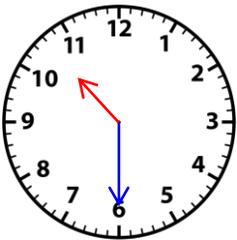


three o'clock

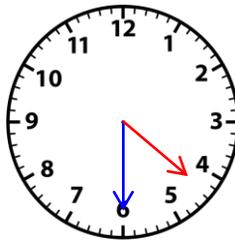


half past four

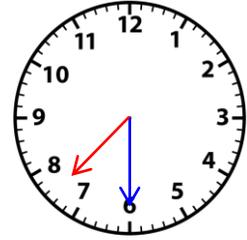
Below is Amara's work. She has made a few mistakes writing the times below the clocks. One is correct. Tick the clock with the correct answer.



half past 11



half past 4 ✓



half past 8

Explain Amara's mistake.

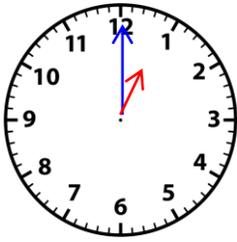
For the first and the last clocks, Amara has placed the hour hands incorrectly. The hour hands should be just past the hour rather than just before. For example, in half past 11, the hour hand should be just past 11, in between 11 and 12.

IAL: to solve time problems.

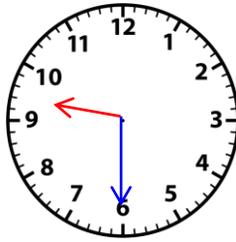
Choose A, B or C and complete the activity. If you would like to complete more than one activity, you can.

A

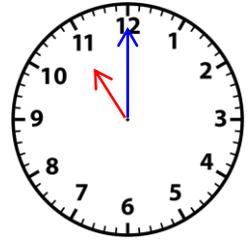
Draw on the hands to show the time **1 hour later** than the time written below.



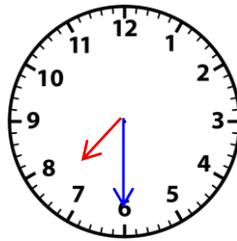
twelve o'clock



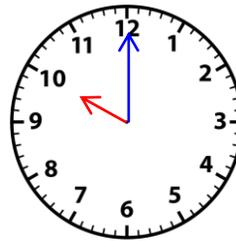
half past eight



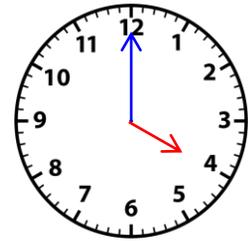
ten o'clock



half past six

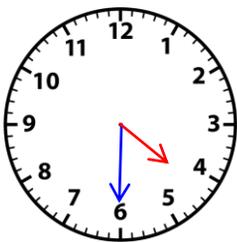


nine o'clock

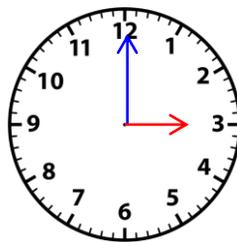


three o'clock

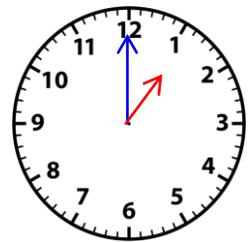
Draw on the hands to show the time **1 hour earlier** than the time written below.



half past five



four o'clock

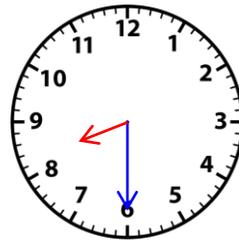
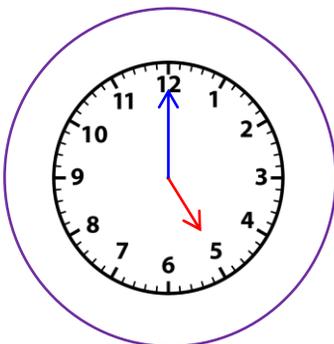
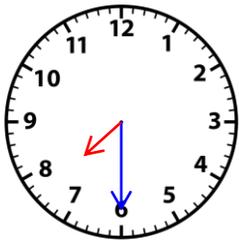


two o'clock

B

Read the worded problem below.

1. Lily wakes up at 6 o'clock. Her brother wakes up an hour earlier than Lily. Circle the clock that shows which time her brother wakes up.

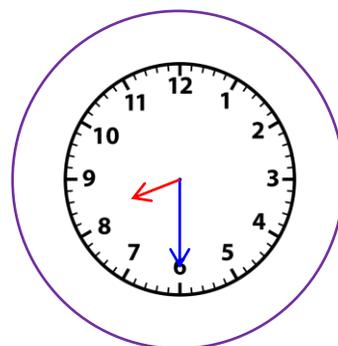
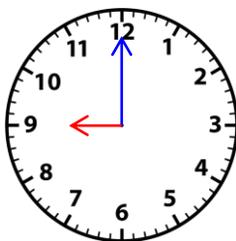
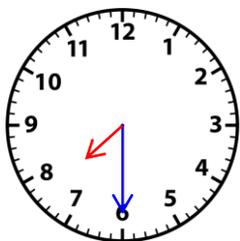


Explain your reasoning.

To find one hour less than 6 o'clock, you do

$$6 \text{ o'clock} - 1 \text{ hour} = 5 \text{ o'clock}$$

2. Joe leaves for school at 8 o'clock. Harry leaves half an hour later than Joe. Circle the clock which shows when Harry leaves for school.



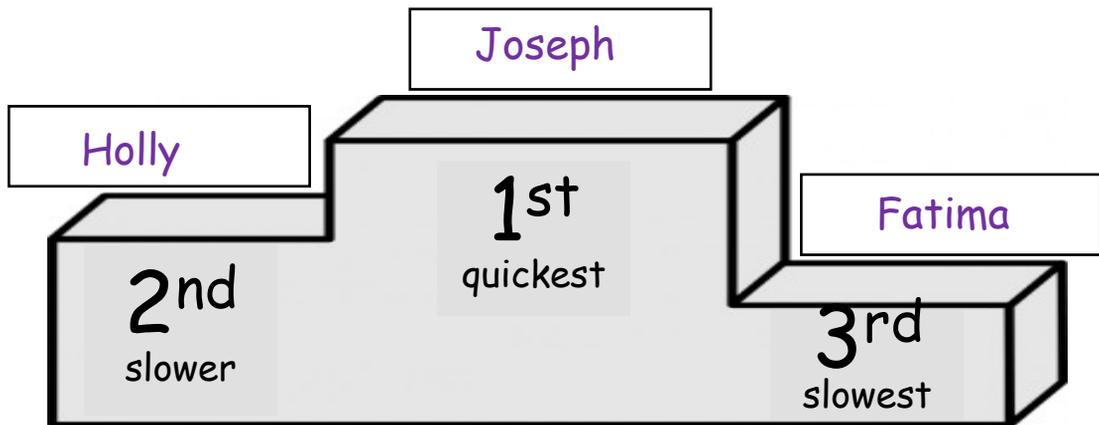
Explain your reasoning.

If Joe leaves at 8 o'clock, the hands on the clock would look like this  to show half an hour later, the minute hand must move forward half way round the clock and the hour hand must move half way between 8 o'clock and 9 o'clock.

C

Read the worded problems and write your answers.

1. Joseph, Fatima and Holly ran a race. Joseph ran the race in 5 seconds. Fatima ran the race in 21 seconds. Holly ran the race in 12 seconds. Place the children on the podium in the order they finished.



2. Mick, Omar and Annie all walk to the supermarket.

Mick takes **6 minutes** to walk there.

Omar is **2 minutes slower** than Mick.

Annie is **4 minutes faster** than Omar.

Who gets to the match first?

Mick

Omar

Annie

How long do Omar and Annie take to get to the match?

Omar takes 8 minutes to get to the match.

Annie takes 4 minutes to get to the match.