

Halves and Quarters of a Clock

Elaboration 3 · Splitting the clock face and naming quarter past and quarter to

ELABORATION FOCUS

Dividing a clock face into halves and quarters, and using those parts to explain quarter past, half past and quarter to the hour.

LEARNING INTENTION I can split a clock into halves and quarters.

Fold in half

Fold again

Quarter past

Half past

Quarter to

1

Cut It in Half

Step 1: fold the face from 12 to 6. Step 2: that makes two equal halves.

2

Make Four Quarters

Step 3: fold again from 3 to 9. Step 4: now the face has four equal quarters.

3

Name the Quarters

Step 5: one quarter past is the 3. Step 6: one quarter still to go is the 9.

MODEL · QUARTERS OF THE CLOCK FACE

One quarter of the way around is quarter past. Three quarters around is quarter to.



quarter past 2



half past 2



quarter to 3



3 o'clock

Quarter past means a quarter of the hour has gone. Quarter to means a quarter is left.

TEACHER MODELLING ROUTINE I do → We do → You do

WATCH FOR

Saying quarter to 5 as quarter to 4, because the small hand is still nearer the 4.

REMEMBER

Say it to students as: "Quarter past is one part done, quarter to is one part left."

MATERIALS

Paper circles to fold, coloured quarters, geared clock, scissors, glue sticks.

Teacher note: link this back to fractions of a whole. Folding a paper circle into quarters gives students the same image they met when partitioning shapes.