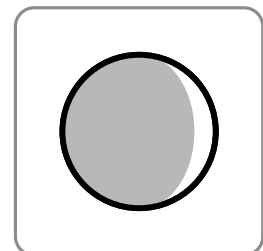
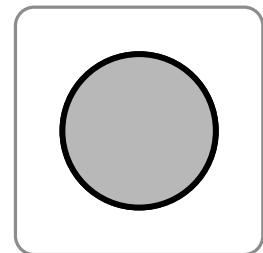
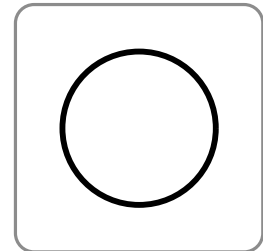
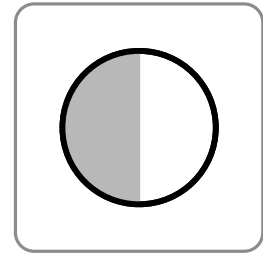
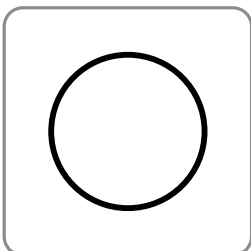
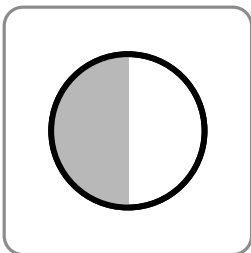
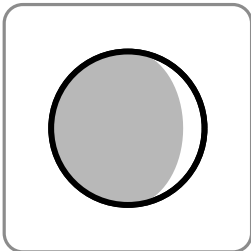
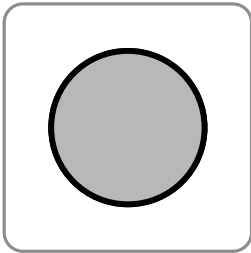


THINK LIKE A SCIENTIST • EARTH, SKY & SPACE

Draw a line to the matching moon shape.

Each shape on the left is somewhere on the right.

F1 match☐ I drew every line.**FOR GROWN-UPS**

The Moon does not change shape. We see more or less of its lit side as it goes round us.

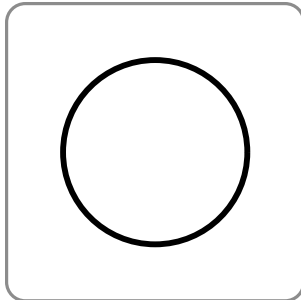
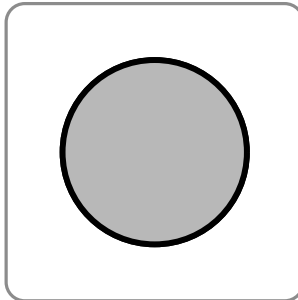
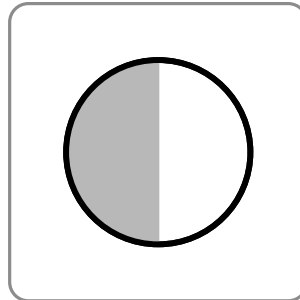
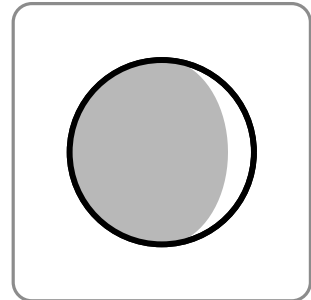
Let them point at both before they draw. Pointing is thinking.

Look for it in the sky tonight.

THINK LIKE A SCIENTIST • EARTH, SKY & SPACE

Write 1, 2, 3 and 4 in the order the Moon grows.

Start with the Moon you can hardly see.

S3 put in order**full****new****half****crescent**☐ Every box has a number.**FOR GROWN-UPS**

From new to full takes about two weeks. Then it shrinks back the same way.

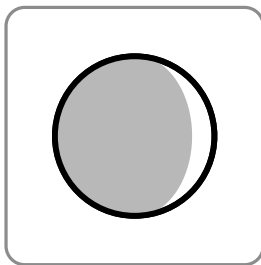
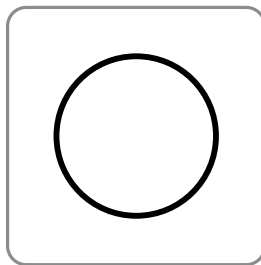
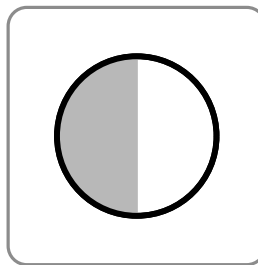
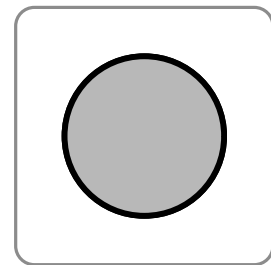
Ask: "What comes next?" before they write a single number.

Look for it in the sky tonight.

THINK LIKE A SCIENTIST • EARTH, SKY & SPACE

Circle the full moon.

Read the word under each one.

F4 circle the group**crescent****full****half****new**

☐ I circled one.

FOR GROWN-UPS

A full moon rises at about the time the Sun sets. That is why it is up all night.

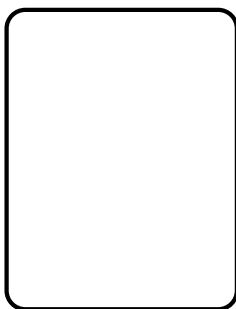
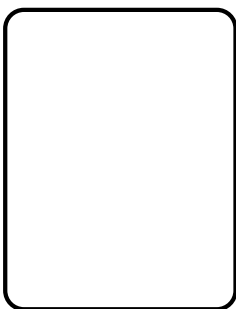
Ask them to say the rule in their own words before they circle anything.

Look for it in the sky tonight.

THINK LIKE A SCIENTIST • EARTH, SKY & SPACE

Draw the Moon on five nights in a row.

One box each night. Draw the shape you see. Draw nothing if it is cloudy.

S2 observe and draw**DO THIS AT HOME****Night 1****Night 2****Night 3****Night 4****Night 5****MANY ANSWERS****FOR GROWN-UPS**

Five nights is enough to see it change. It gets a little fatter or a little thinner each night.

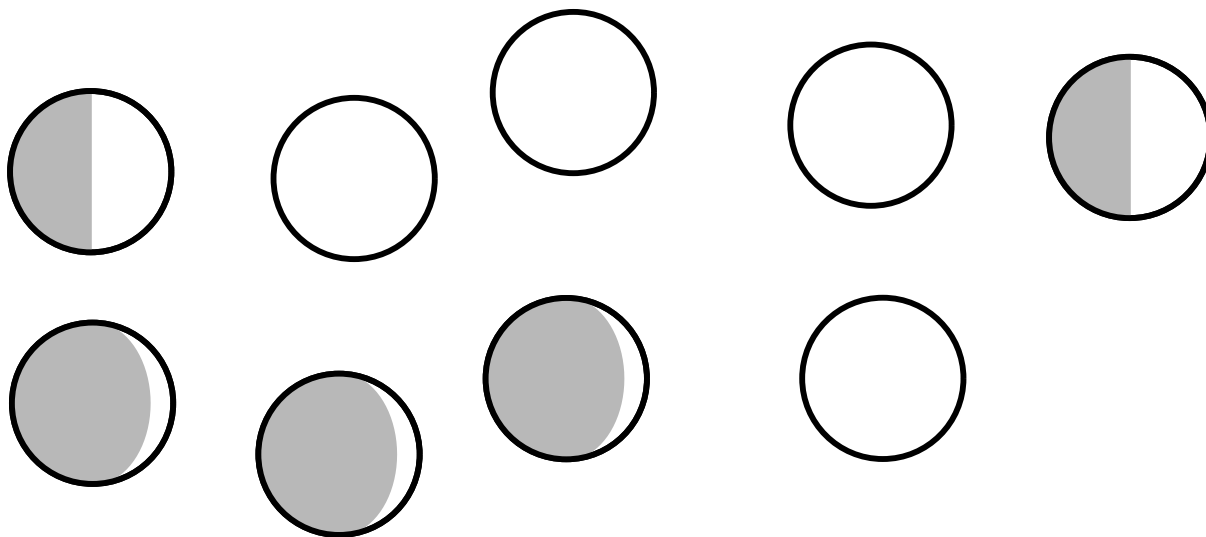
Let them look for twice as long as they draw.

Look for it in the sky tonight.

THINK LIKE A SCIENTIST • EARTH, SKY & SPACE

Count each moon shape. Color one square for each.

Then circle the row with the most.

F12 count and record

☐ I colored one square for each.
FOR GROWN-UPS

The Moon is in the sky in the daytime too, about half the time. Look for it after school.

Let them touch each one as they count. Fingers stop double counting.

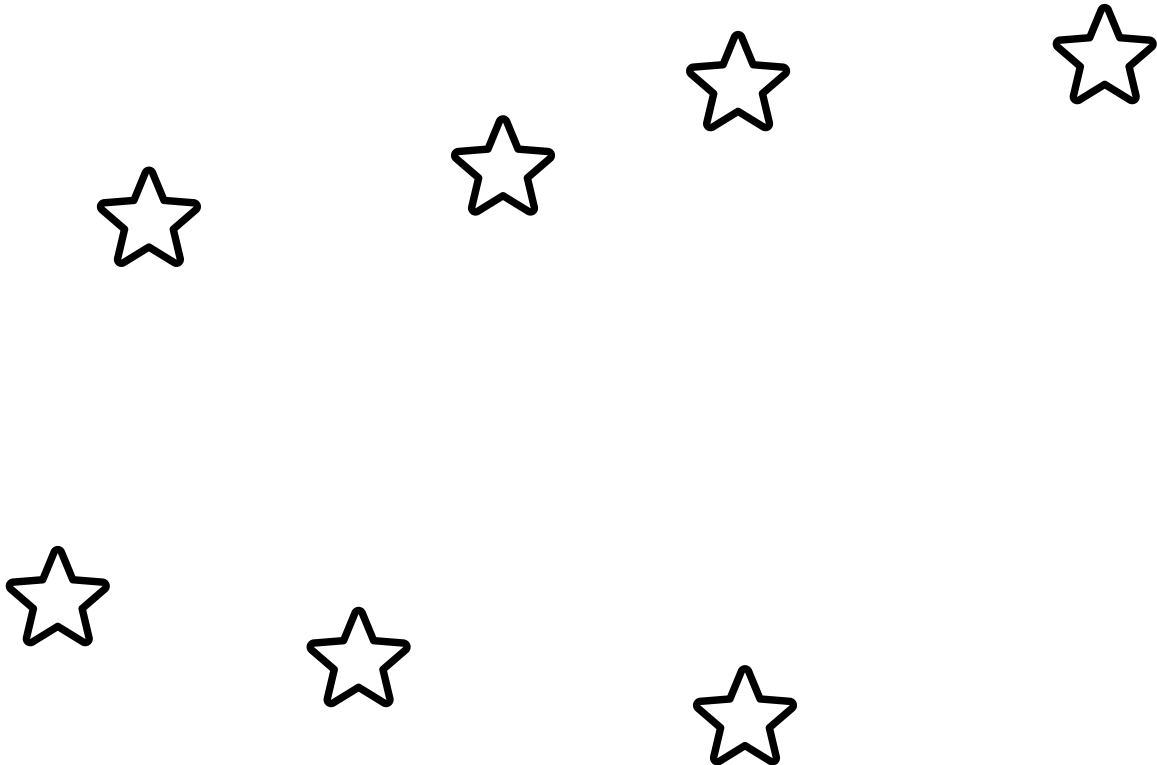
Look for it in the sky tonight.

THINK LIKE A SCIENTIST • EARTH, SKY & SPACE

Count the stars. Write how many.

Touch each one as you count it.

K count and write



how many?

☐ I wrote the number.

FOR GROWN-UPS

On a clear night away from town you can see about two thousand stars. In a city, a few dozen. If the number is hard to write, let them say it and you write it. Look for it in the sky tonight.