To be able to use ratio terminology

MathShed

Starter:

What's the same? What's different?

Explain your answer, using the sentence stem: "For every __, there is/are __..."

To be able to use ratio terminology

MathShed

Activity 1:

Complete the sentences below.

For every 8 purple cubes, there are _ yellow cubes.

For every yellow cube, there are _ purple cubes.

To be able to use ratio terminology

MathShed

Activity 2:

Circle the counters to match the statements below.

For every green counter, there are 4 purple counters.

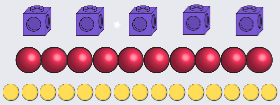
For every 3 orange counters, there are 5 pink counters.

To be able to use ratio terminology

MathShed

Activity 3:

Referring to the mathematical equipment shown, complete the statements below.



For every __ beads, there are 5 cubes.

There are __ counters for every cube.

For every 10 beads, there are __ counters.

For every bead, there is __ a cube.

There are __ counters for 3 cubes.

For every 4 cubes, there are __ counters.

To be able to use ratio terminology

MathShed

Activity 4:

Make a bead bracelet (or necklace) where there are three beads of one shade for each single bead of another shade.

Make a bead bracelet (or necklace) where there are three beads of one shade for two beads of another shade.

Make a bead bracelet (or necklace) where there are five beads of one shade for three beads of another shade.

To be able to use ratio terminology

MathShed

Activity 5:

Sketch the following:

For every three apples, there are five oranges.

To be able to use ratio terminology

MathShed

Activity 6:

Look at the stars shown. Complete as many "For every..." sentences as you can.

To be able to use ratio terminology

MathShed

Activity 7:

Create a sketch below based on the following statement.
For every 2 triangles, there are 3 squares. The area below holds 20 shapes in total.

To be able to use ratio terminology

MathShed

Activity 8:

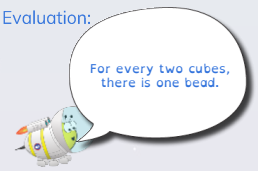
In a mixed bag of lemons and limes, there are three limes for each lemon.
If there are six limes in the bag, how many lemons are there?

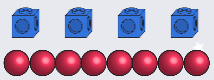
How many limes are in a bag with the same ratio that holds five lemons?

To be able to use ratio terminology

MathShed

Evaluation:





Do you agree?
Explain your answer.