

Wrist Ratios

Today we are going to make a wrist ratio bracelet. **You MAY NOT talk to a friend or ask them any questions.** You will create a wrist bracelet with the following guidelines:

1. The ratio of white beads to colored beads is 3 to 5.
2. You may use no more than 29 beads.
3. You must cut only $\frac{7}{8}$ foot of string. (Remember there are 12 inches in a foot.)
4. Experiment a few minutes with the beads to come up with the correct amount.

*****Once you have determined how many beads you are going to use and the length of your string, I must check it before you string your beads. (**Remember don't share information with a friend.**)

After I have checked your string and beads, please string your beads and have a friend help tie your ratio bracelet on your wrist.

What are some possible combinations of beads you can make? Create a table, list, or illustration to show your combinations.

What is one combination that is not possible? Why?

Is it possible to use only 24 beads total? Why or why not?

Is it possible to use only 18 beads total? Why or why not?

The ratio we used to make our bracelet was 3 white beads to 5 colored beads. What does that mean?

If you had 9 white beads how many colored beads would you need for our same ratio?

If you had 60 colored beads how many white beads would you need for our same ratio?

What are the three ways to write our ratio?

Wrist Ratios

Today we are going to make a wrist ratio bracelet. **You MAY NOT talk to a friend or ask them any questions.** You will create a wrist bracelet with the following guidelines:

1. The ratio of white beads to colored beads is 2 to 5.
2. You may use no more than 29 beads.
3. You must cut only $\frac{7}{8}$ foot of string. (Remember there are 12 inches in a foot.)
4. Experiment a few minutes with the beads to come up with the correct amount.

*****Once you have determined how many beads you are going to use and the length of your string, I must check it before you string your beads. (**Remember don't share information with a friend.**)

After I have checked your string and beads, please string your beads and have a friend help tie your ratio bracelet on your wrist.

What are some possible combinations of beads you can make? Create a table, list, or illustration to show your combinations.

What is one combination that is not possible? Why?

Is it possible to use only 24 beads total? Why or why not?

Is it possible to use only 21 beads total? Why or why not?

The ratio we used to make our bracelet was 2 white beads to 5 colored beads. What does that mean?

If you had 8 white beads how many colored beads would you need for our same ratio?

If you had 60 colored beads how many white beads would you need for our same ratio?

What are the three ways to write our ratio?

Wrist Ratios

Today we are going to make a wrist ratio bracelet. **You MAY NOT talk to a friend or ask them any questions.** You will create a wrist bracelet with the following guidelines:

1. The ratio of white beads to colored beads is 1 to 6.
2. You may use no more than 29 beads.
3. You must cut only $\frac{7}{8}$ foot of string. (Remember there are 12 inches in a foot.)
4. Experiment a few minutes with the beads to come up with the correct amount.

*****Once you have determined how many beads you are going to use and the length of your string, I must check it before you string your beads. (**Remember don't share information with a friend.**)

After I have checked your string and beads, please string your beads and have a friend help tie your ratio bracelet on your wrist.

What are some possible combinations of beads you can make? Create a table, list, or illustration to show your combinations.

What is one combination that is not possible? Why?

Is it possible to use only 24 beads total? Why or why not?

Is it possible to use only 21 beads total? Why or why not?

The ratio we used to make our bracelet was 1 white bead to 6 colored beads. What does that mean?

If you had 12 white beads how many colored beads would you need for our same ratio?

If you had 54 colored beads how many white beads would you need for our same ratio?

What are the three ways to write our ratio?

Wrist Ratios

Today we are going to make a wrist ratio bracelet. **You MAY NOT talk to a friend or ask them any questions.** You will create a wrist bracelet with the following guidelines:

1. The ratio of white beads to colored beads is 1 to 3.
2. You may use no more than 29 beads.
3. You must cut only $\frac{7}{8}$ foot of string. (Remember there are 12 inches in a foot.)
4. Experiment a few minutes with the beads to come up with the correct amount.

*****Once you have determined how many beads you are going to use and the length of your string, I must check it before you string your beads. (**Remember don't share information with a friend.**)

After I have checked your string and beads, please string your beads and have a friend help tie your ratio bracelet on your wrist.

What are some possible combinations of beads you can make? Create a table, list, or illustration to show your combinations.

What is one combination that is not possible? Why?

Is it possible to use only 24 beads total? Why or why not?

Is it possible to use only 18 beads total? Why or why not?

The ratio we used to make our bracelet was 1 white bead to 3 colored beads. What does that mean?

If you had 12 white beads how many colored beads would you need for our same ratio?

If you had 54 colored beads how many white beads would you need for our same ratio?

What are the three ways to write our ratio?