Printables for
"Rods and Strips - How Long

KNP # F 7703.6 – Orange

This file contains printables for a small group of students (up to 5)

- Set A Question Cards (1 page)

- Set A Answer Cards (1 page)

- Set B Question Cards (1 page)

- Set B Answer Cards (1 page)

- Consumable "How Long?" Activity Sheets (5 copies of 2 page activity)

- 1 Cuisenaire Rod Color Template (1 page) - Print to scale

If the length of the red rod is one-third, how long is the dark green rod?

7703.6
Set A

If the length of the red rod is one-fourth, what is the length of the purple rod?

7703.6
Set A

If the length of the light green rod is one-third, how long is the dark green rod?

7703.6
Set A

If the length of the white rod is one-fifth, how long is the purple rod?

7703.6
Set A

If the length of the brown rod is two-thirds, how long is the purple rod?

7703.6
Set A

If the length of the brown rod is one, how long is the red rod?

7703.6
Set A

If the length of the light green rod is one-fourth how long is the blue rod?

7703.6
Set A

If the length of the dark green rod is one, how long is the yellow rod?

7703.6
Set A

How long? Level 6 - Set A
Answer cards

1 7703.6 Set A	$\dfrac{2}{4}$ 7703.6 Set A
$\dfrac{2}{3}$ 7703.6 Set A	$\dfrac{4}{5}$ 7703.6 Set A
$\dfrac{1}{3}$ 7703.6 Set A	$\dfrac{1}{4}$ 7703.6 Set A
$\dfrac{3}{4}$ 7703.6 Set A	$\dfrac{5}{6}$ 7703.6 Set A

If the length of the red rod is one-fourth, what is the length of the orange rod?

7703.6
Set B

If the length of the purple rod is one-half, what is the length of the dark green rod?

7703.6
Set B

If the length of the purple rod is two-thirds, what is the length of two purple rods?

7703.6
Set B

If the length of the white rod is one-fourth, what is the length of brown rod?

7703.6
Set B

If the length of the red rod is one-third, what is the length of the orange rod?

7703.6
Set B

If the length of the red rod is one, what is the length of the black rod?

7703.6
Set B

If the length of the dark green rod is two-thirds, what is the length of the blue rod?

7703.6
Set B

If the length of the purple rod is one, what is the length of the dark green rod?

7703.6
Set B

How long? Level 6 - Set B

Answer Cards

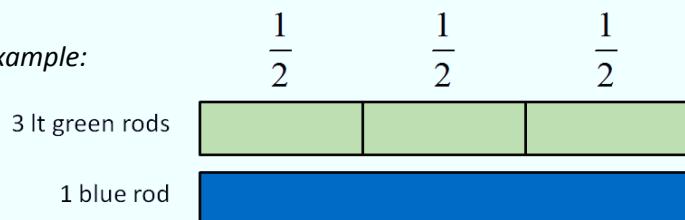|	
$\dfrac{5}{4}$ 7703.6 Set B	$\dfrac{3}{4}$ 7703.6 Set B
$\dfrac{4}{3}$ 7703.6 Set B	2 7703.6 Set B
$\dfrac{5}{3}$ 7703.6 Set B	$\dfrac{7}{2}$ 7703.6 Set B
1 7703.6 Set B	$\dfrac{3}{2}$ 7703.6 Set B

Date: _____   Name: _____

How Long? Activity Sheet - Cuisenaire Rods
Complete after working card sets A & B

If the length of the light green rod is one-half, what is the length of the blue rod? Draw a picture and write an equation to justify your answer.

For Example:

| $\frac{1}{2}$ | $\frac{1}{2}$ | $\frac{1}{2}$ |

3 lt green rods

1 blue rod

$$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} = \frac{3}{2}$$

If the length of the white rod is one-fifth, what is the length of the purple rod? Draw a picture and write an equation to justify your answer.

If the length of the red rod is one-third, what is the length of the dark green rod? Draw a picture and write an equation to justify your answer.

If the length of the red rod is one, what is the length of the black rod? Draw a picture and write an equation to justify your answer.

If the length of the purple rod is one-half, what is the length of the dark green rod? Draw a picture and write an equation to justify your answer.
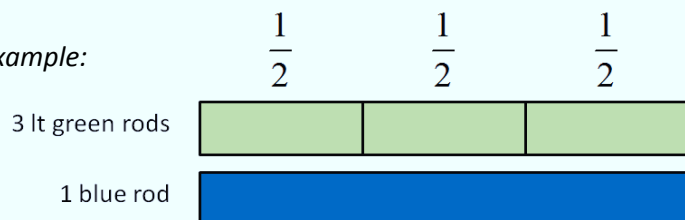
Date: _____   Name: _____

<u>How Long?</u> Activity Sheet - Cuisenaire Rods
Complete after working card sets A & B

If the length of the light green rod is one-half, what is the length of the blue rod? Draw a picture and write an equation to justify your answer.

For Example:

$$\frac{1}{2} \qquad \frac{1}{2} \qquad \frac{1}{2}$$

3 lt green rods

1 blue rod

$$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} = \frac{3}{2}$$

If the length of the white rod is one-fifth, what is the length of the purple rod? Draw a picture and write an equation to justify your answer.

If the length of the red rod is one-third, what is the length of the dark green rod? Draw a picture and write an equation to justify your answer.

If the length of the red rod is one, what is the length of the black rod? Draw a picture and write an equation to justify your answer.

If the length of the purple rod is one-half, what is the length of the dark green rod? Draw a picture and write an equation to justify your answer.
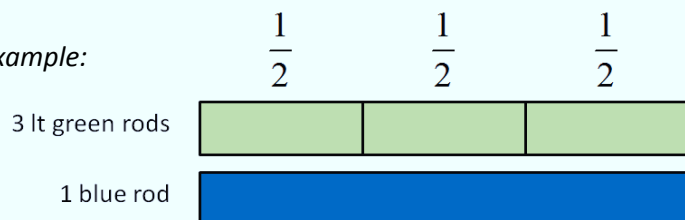
How Long? Activity Sheet - Cuisenaire Rods
Complete after working card sets A & B

If the length of the light green rod is one-half, what is the length of the blue rod? Draw a picture and write an equation to justify your answer.

For Example:

$$\frac{1}{2} \qquad \frac{1}{2} \qquad \frac{1}{2}$$

3 lt green rods

1 blue rod

$$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} = \frac{3}{2}$$

If the length of the white rod is one-fifth, what is the length of the purple rod? Draw a picture and write an equation to justify your answer.

If the length of the red rod is one-third, what is the length of the dark green rod? Draw a picture and write an equation to justify your answer.

If the length of the red rod is one, what is the length of the black rod? Draw a picture and write an equation to justify your answer.

If the length of the purple rod is one-half, what is the length of the dark green rod? Draw a picture and write an equation to justify your answer.
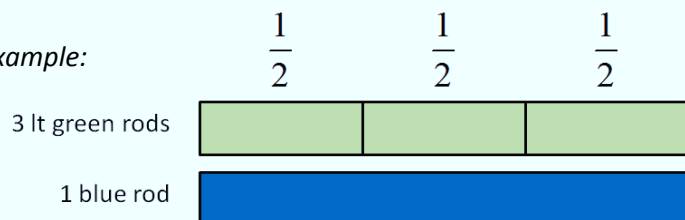
Date: _____   Name: _____

How Long? Activity Sheet - Cuisenaire Rods
Complete after working card sets A & B

If the length of the light green rod is one-half, what is the length of the blue rod? Draw a picture and write an equation to justify your answer.

For Example:

$\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$

3 lt green rods

1 blue rod

$$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} = \frac{3}{2}$$

If the length of the white rod is one-fifth, what is the length of the purple rod? Draw a picture and write an equation to justify your answer.

If the length of the red rod is one-third, what is the length of the dark green rod? Draw a picture and write an equation to justify your answer.

If the length of the red rod is one, what is the length of the black rod? Draw a picture and write an equation to justify your answer.

If the length of the purple rod is one-half, what is the length of the dark green rod? Draw a picture and write an equation to justify your answer.
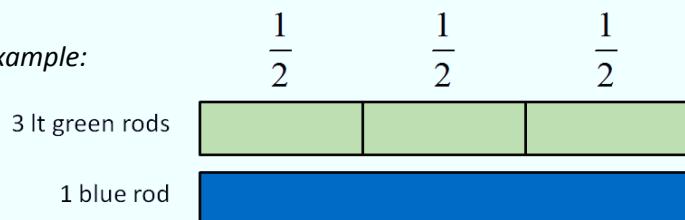
How Long? Activity Sheet - Cuisenaire Rods
Complete after working card sets A & B

If the length of the light green rod is one-half, what is the length of the blue rod? Draw a picture and write an equation to justify your answer.

For Example:

$$\frac{1}{2} \qquad \frac{1}{2} \qquad \frac{1}{2}$$

3 lt green rods

1 blue rod

$$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} = \frac{3}{2}$$

If the length of the white rod is one-fifth, what is the length of the purple rod? Draw a picture and write an equation to justify your answer.

If the length of the red rod is one-third, what is the length of the dark green rod? Draw a picture and write an equation to justify your answer.
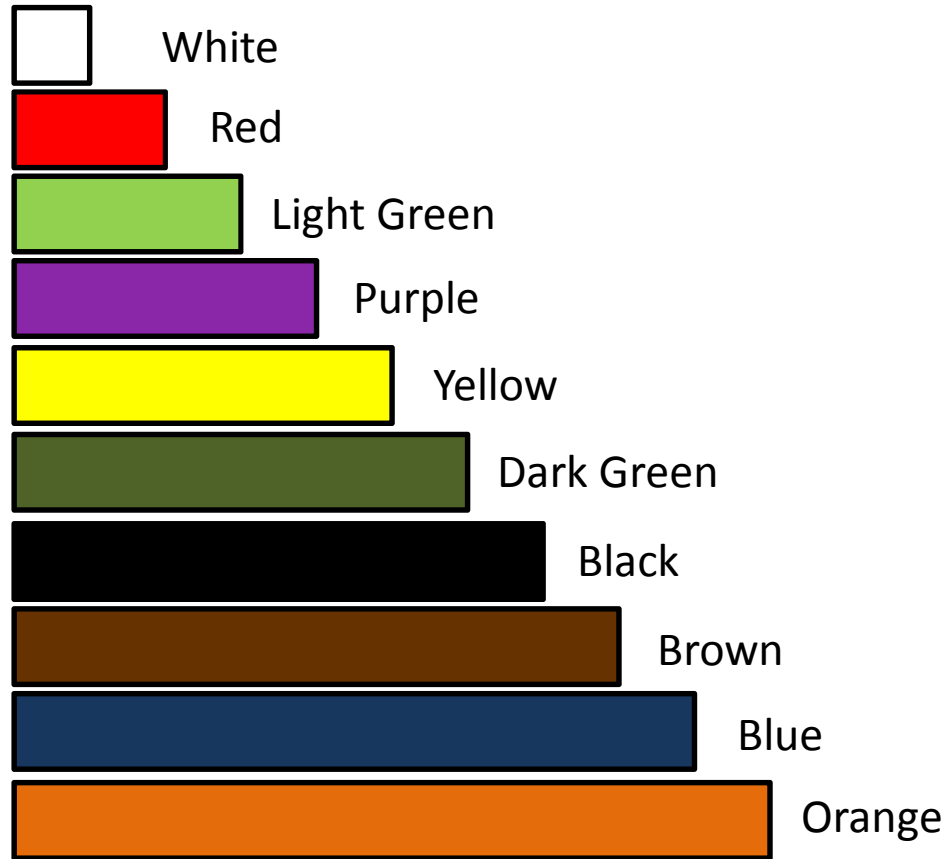
If the length of the red rod is one, what is the length of the black rod? Draw a picture and write an equation to justify your answer.

If the length of the purple rod is one-half, what is the length of the dark green rod? Draw a picture and write an equation to justify your answer.

Color Template

White

Red

Light Green

Purple

Yellow

Dark Green

Black

Brown

Blue

Orange

To determine the color of a rod, place the rod on the rectangle above of the same length.

Students that are color blind may not be able to distinguish between various rods (depending on their type of color blindness). This mat can be used by color-blind students or students that are struggling with color names. The rods above are printed at the same scale as cuisenaire rods. Please set your printing setting to "actual size" and verify the scale before use.