

FRACTION ACTIVITIES

IPMG  Publishing

Fraction Activities

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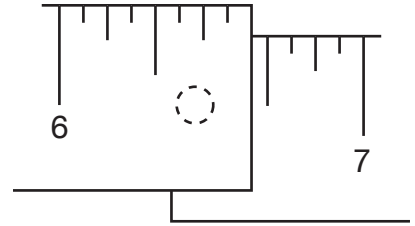
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How to Assemble A Fraction Ruler

Materials

In order to complete the steps below, the following items are needed:

- Tagboard copies of the fraction ruler (1 per student)
- Scissors (1 per student)
- $\frac{1}{8}$ " paper punch (1 per class)
- Paper fasteners and washers (5 per ruler)



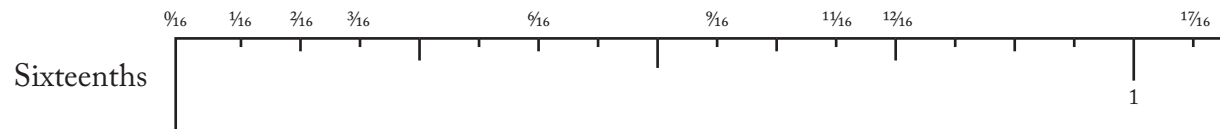
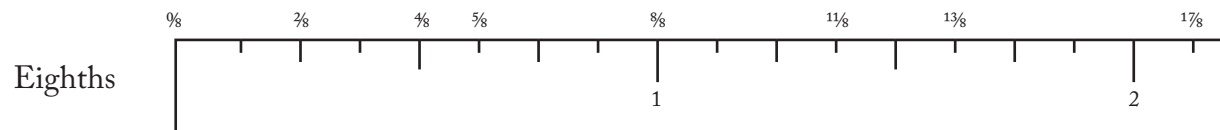
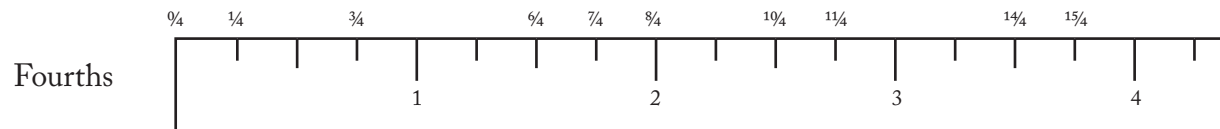
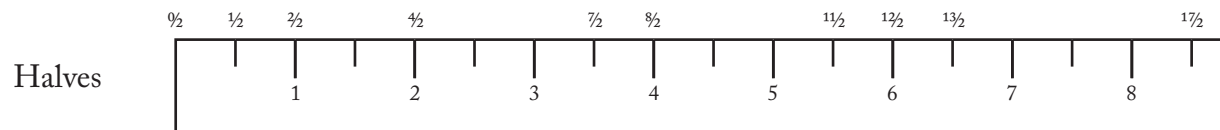
Procedure

Each fraction ruler can be assembled as outlined below.

- Step 1:** Duplicate the Fraction Ruler Master on tagboard or card stock (see Fraction Ruler Masters in the appendix).
- Step 2:** Cut out each section of the ruler along the border lines using a scissors.
- Step 3:** Use a $\frac{1}{8}$ " paper punch to make the required holes in each section of the ruler.
- Step 4:** Fasten the ruler together using $\frac{1}{2}$ " or $\frac{3}{8}$ " brass paper brads and washers. Be sure that the numbers 6, 12, 18, 24, and 30 are showing when the ruler is assembled. Starting at zero and placing successive sections on top will insure that this will happen.

Beginning To Read Rulers

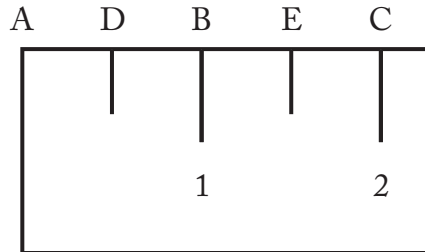
Use your fraction ruler to help you find the missing entries on each ruler.



Reading Rulers A - Z

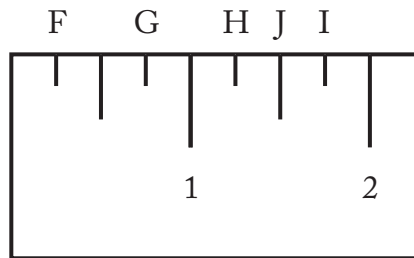
Use your fractions ruler to help you complete these problems. Use mixed numbers when you can.

Half Unit Scale



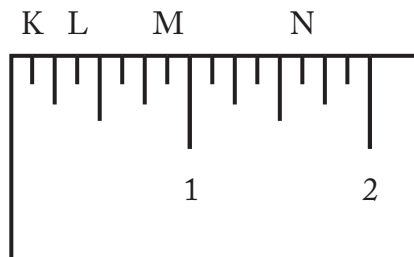
1. One name for point E is _____.
2. Name point D _____.
3. Name point A _____.

Quarter Unit Scale



1. One name for point F is _____.
2. Name points G _____, H _____, I _____.
3. Two names for J are _____ and _____.

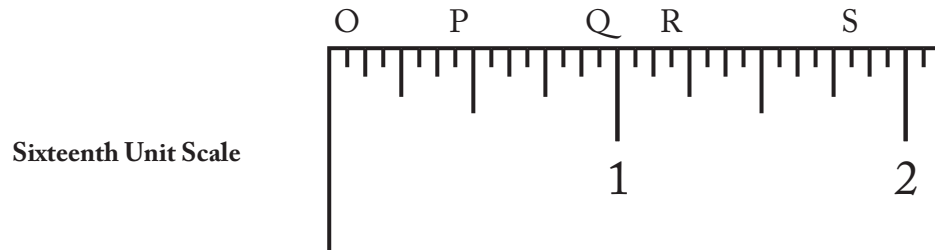
Eighth Unit Scale



1. One name for point K is _____.
2. Name points L _____ and M _____.
3. Name point N _____.

Reading Rulers A - Z

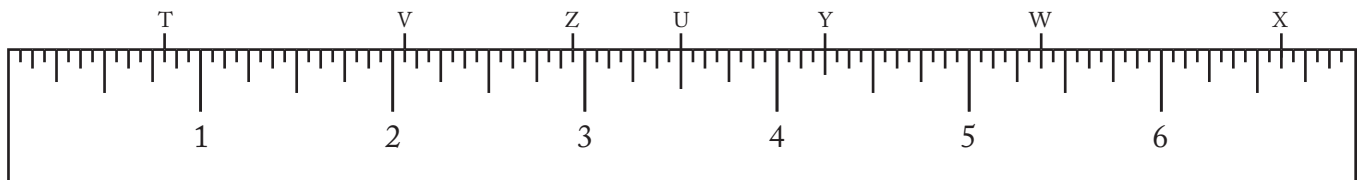
Use your fraction ruler to help you complete these problems. Use mixed numbers when you can.



1. One name for point O is _____.
2. Name points P _____ and Q _____.
3. Name points R _____ and S _____.

Review

What number is represented by each lettered point?



T =

U =

V =

W =

X =

Y =

Z =