Fresh Math

Line Plots With Fractions

Solve for x. Show your work.

1.

Line Plot (Pencil lengths in inches):nAt frac{1{4: XnAt $\frac{2}{4}$: XnAt 1 $\frac{1}{4}$: XnAt 2: XnAt 2 $\frac{2}{4}$: XnAt 2 $\frac{3}{4}$: XXnWhat is the difference between the longest and shortest pencil?}

2.

Line Plot (Pencil lengths in inches):nAt frac{1{4 : XnAt $\frac{3}{4}$: XnAt 1 $\frac{2}{4}$: XXXnAt 1 $\frac{3}{4}$: XXnAt 2: XnHow many pencils were measured

3.

Line Plot (Pencil lengths in inches):nAt 0: XnAt frac{2{4 : XnAt $\frac{2}{4}$: XXnAt 2 $\frac{2}{4}$: XnAt 2 $\frac{3}{4}$: XnWhat is the difference between the longest and shortest pencil?}

4.

Line Plot (Pencil lengths in inches):nAt frac{1{4 : XnAt $\frac{3}{4}$: XnAt 1: XnAt 1 $\frac{1}{4}$: XnAt 2: XXnAt 2 $\frac{2}{4}$: XnAt 2 $\frac{3}{4}$: XXnWhat is the difference between the longe

5.

Line Plot (Pencil lengths in inches):nAt 0: XXnAt frac{1{4 : XnAt $\frac{3}{4}$: XnAt 2: XnAt 2 $\frac{1}{4}$: XXnAt 2 $\frac{2}{4}$: XnAt 2 $\frac{3}{4}$: XXnHow many pencils were measured in total?}

6.

Line Plot (Pencil lengths in inches):nAt frac{2{4 : XnAt $\frac{1}{4}$: XnAt 2 $\frac{3}{4}$: XnWhat is the difference between the longest

7.

Line Plot (Pencil lengths in inches):nAt 0: XnAt $\frac{1}{4}$: XnAt 2: XnAt 2 $\frac{3}{4}$: XXnWhat is the difference between the longest and shortest pencil?}

8.

Line Plot (Pencil lengths in inches):nAt 0: XnAt frac{3{4 : XnAt $\frac{3}{4}$: XXnAt 1 $\frac{2}{4}$: XnAt 1 $\frac{3}{4}$: XnAt 2 $\frac{2}{4}$: XnAt 2 $\frac{3}{4}$: XnWhat is the difference between the longest

Line Plots With Fractions – Answer Key

1.

$2\frac{3}{4}$ inches

Line Plot (Pencil lengths in inches):nAt frac{8{4: XnAt $\frac{2}{4}$: XnAt 1 $\frac{1}{4}$: XnAt 2: XnAt 2 $\frac{2}{4}$: XnAt 2 $\frac{3}{4}$: XXnWhat is the difference between the longest and shortest pencil?}

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4.

$2\frac{2}{4}$ inches

Line Plot (Pencil lengths in inches):nAt frac{1{4: XnAt $\frac{3}{4}$: XnAt 1: XnAt 1 $\frac{1}{4}$: XnAt 2: XXnAt 2 $\frac{3}{4}$: XXnWhat is the difference between the longe

5.

$\frac{0}{?}$

Line Plot (Pencil lengths in inches):nAt 0: XXnAt $\frac{3}{4}$: XnAt 2: XnAt 2 $\frac{1}{4}$: XXnAt 2 $\frac{2}{4}$: XnAt 2 $\frac{3}{4}$: XXnHow many pencils were measured in total?}

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Line Plot (Pencil lengths in inches):nAt 0: XnAt $\frac{3}{4}$: XXnAt 1 $\frac{2}{4}$: XnAt 1 $\frac{3}{4}$: XnAt 2 $\frac{2}{4}$: XnAt 2 $\frac{3}{4}$: XnWhat is the difference between the longest