Math Boxes
Preview for Unit 7

Lesson 6-10

DATE TIME

1 Name the multiples of 8 from 1 through 80.

8, 16, 24, 32, 40, 48, 56, 64, 72, 80

SRB 55

2 Joe and Ed each sold 24 raffle tickets. Joe got a point for every 4 raffle tickets he sold. Ed got a point for every 3 raffle tickets he sold.

How many more points did Ed receive than Joe?

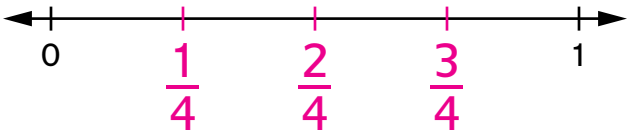
Number model with unknown:

$(24 \div 3) - (24 \div 4) = p$

Answer: 2 more points

SRB 26, 47

3 Divide the number line into fourths and label the fractions.



SRB 133

4 Add.

a. $\frac{2}{5} + \frac{1}{5} = \frac{3}{5}$

b. $\frac{4}{8} + \frac{5}{8} = \frac{9}{8}$, or $1\frac{1}{8}$

c. $\frac{16}{10}$, or $1\frac{6}{10} = \frac{9}{10} + \frac{7}{10}$

d. $6\frac{7}{12} + \frac{3}{12} = 6\frac{10}{12}$

e. $10\frac{7}{6}$, or $11\frac{1}{6} = 5\frac{4}{6} + 5\frac{3}{6}$

SRB 160-163

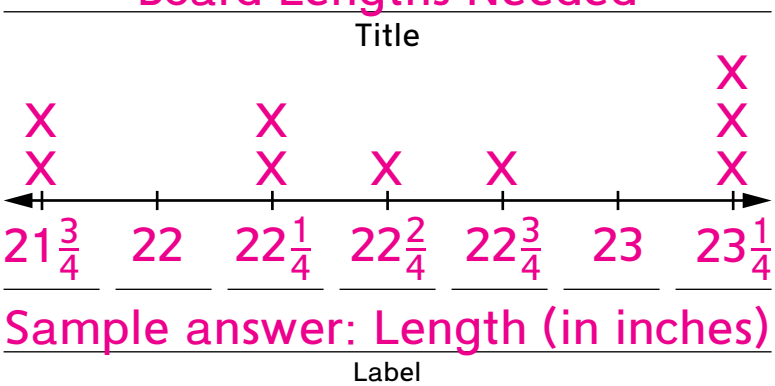
5 To make chairs, Josh needs boards of the following lengths (in inches):

$23\frac{1}{4}$, $23\frac{1}{4}$, $23\frac{1}{4}$, $22\frac{1}{2}$, $22\frac{1}{4}$, $21\frac{3}{4}$, $21\frac{3}{4}$, $22\frac{1}{4}$, $22\frac{3}{4}$.

SRB 164-165, 214-215

a. Plot the data and answer the question.

Sample answer:



b. How much longer is the longest board than the shortest board?

Answer: $1\frac{2}{4}$ inches

① 4.OA.4 ② 4.OA.3, 4.NBT.4, 4.NBT.6 ③ 4.NF.2 ④ 4.NF.3, 4.NF.3a, 4.NF.3c ⑤ 4.NF.3, 4.NF.3c, 4.NF.3d, 4.MD.4, SMP2