Nov. 13, 2018
Periods 1,2,4,6
Place Proportion Packet on desk

Warm Up- Fill in planner, write IXL Skills, complete pg. 24 in packet (Warm Up side two)

Class Work - Go over packet together

Pgs. 183 #s 11, 13 ,15

Homework - Proportions and Scale Practice and Quiz

4)

$$\frac{385}{35} = \frac{x}{23}$$

$$\frac{8,855}{35} = \frac{35x}{35}$$

$\$253 = x$

3)

$$\frac{20}{2.5} = \frac{x}{6}$$

$$\frac{120}{2.5} = \frac{2.5x}{2.5}$$

$48 = x$

Answers to Warm Up (side two):

1) X = $10.80
2) X = $9.90
3) X = 48 minutes
4) X = $253.00

Solutions:

3) $\frac{20}{2.5} = \frac{x}{6}$

$\frac{120}{2.5} = \frac{2.5x}{2.5}$

$48 = x$

4) $\frac{385}{35} = \frac{x}{23}$

$\frac{8855}{35} = \frac{35x}{35}$

$\$253 = x$

Steps to solving proportions:

1) Set up the proportion.

$$\frac{35}{.75} = \frac{X}{\text{length in inches}}$$

2) Cross Products

3) Divide by the coefficient

4) X =

scale

$$\frac{\text{miles}}{\text{in}}\ \boxed{\frac{35}{.75}} = \frac{x}{\text{inches}}$$

3) 6.5 in

4) 4 in.

5) 2.5 in

1) $\frac{35}{.75} = \frac{x}{3.25}$

$\frac{113.75}{.75} = \frac{.75x}{.75}$

$\boxed{151.\overline{6} = x}$

2) $\frac{35}{.75} = \frac{x}{5.5}$

$\frac{192.5}{.75} = \frac{.75x}{.75}$

$\boxed{256.\overline{6} = x}$

2) $\frac{35}{.75} = \frac{x}{5.5}$

miles
inches

Nov. 13, 2018
Period 5
Place Pages 95-96 (#s 10-17)on desk to be checked.

Warm Up - fill in planner, write down IXL Skills

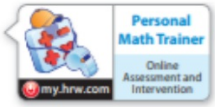
Class Work - complete pgs. 98-100, #s3-10 together

Homework- Lesson 4.3 Quiz , due Wednesday

Name _____ Class _____ Date _____

4.3 Independent Practice

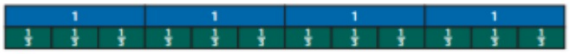
FL 6.NS.1.1



10. Jeremy has $4\frac{1}{2}$ cups of iced tea. He wants to divide the tea into $\frac{3}{4}$-cup servings. Use the model to find the number of servings he can make.

6 servings

11. A ribbon is $3\frac{2}{3}$ yards long. Mae needs to cut the ribbon into pieces that are $\frac{2}{3}$ yard long. Use the model to find the number of pieces she can cut.



$5\frac{1}{2}$ pieces

12. Dao has $2\frac{3}{8}$ pounds of hamburger meat. He is making $\frac{1}{4}$-pound hamburgers. Does Dao have enough meat to make 10 hamburgers? Explain.

no; He has only enough meat to make $9\frac{1}{2}$ quarter pound hamburgers.

13. **Multistep** Zoey made $5\frac{1}{2}$ cups of trail mix for a camping trip. She wants to divide the trail mix into $\frac{3}{4}$-cup servings.

a. Ten people are going on the camping trip. Can Zoey make enough $\frac{3}{4}$-cup servings so that each person on the trip has one serving?

No, it only makes $7\frac{1}{3}$ servings.

b. What size would the servings need to be for everyone to have a serving? Explain.

$\frac{11}{20}$ of a cup; $5\frac{1}{2}$ cups $\div$ 10 people $= \frac{11}{2} \times \frac{1}{10} = \frac{11}{20}$

c. If Zoey decides to use the $\frac{3}{4}$-cup servings, how much more trail mix will she need? Explain.

She would need $7\frac{1}{2}$ cups total, so she would need 2 more cups of trail mix.

15. The area of a rectangular mirror is $11\frac{11}{16}$ square feet. The width of the mirror is $2\frac{3}{4}$ feet. If there is a 5 foot tall space on the wall to hang the mirror, will it fit? Explain.

yes because the height is $4\frac{1}{4}$ feet

16. Ramon has a rope that is $25\frac{1}{2}$ feet long. He wants to cut it into 6 pieces that are equal in length. How long will each piece be?

$4\frac{1}{4}$ feet

17. Eleanor and Max used two rectangular wooden boards to make a set for the school play. One board was 6 feet long, and the other was $5\frac{1}{2}$ feet long. The two boards had equal widths. The total area of the set was $60\frac{3}{8}$ square feet. What was the width?

$5\frac{1}{4}$ feet