

REVIEW - Ratios & Proportions

Date _____ Period _____

Simplify each ratio.

1) 40:15

2) 49:7

Find the UNIT RATE for each.

3) 80 inches over 10 days

4) 3 ounces cost \$2.73

5) 10 ounce jar of peanut butter is \$3.90

6) 12 boxes can hold 96 books

Decide if each pair of ratios forms a proportion.

7) $\frac{12}{6}$ and $\frac{4}{2}$

8) $\frac{3}{4}$ and $\frac{9}{20}$

9) $\frac{4}{2}$ and $\frac{8}{6}$

10) $\frac{12}{8}$ and $\frac{3}{2}$

Solve each proportion.

11) $\frac{4}{5} = \frac{n}{2}$

12) $\frac{5}{b} = \frac{9}{5}$

13) $\frac{x}{9} = \frac{2}{6}$

14) $\frac{b}{3} = \frac{4}{10}$

Answer each question and round your answer to the nearest whole number.

15) If you can buy one bunch of seedless green grapes for \$2, then how many can you buy with \$16?

16) One package of blueberries costs \$3. How many packages can you buy for \$9?

17) The currency in the eastern Caribbean islands is the Eastern Caribbean Dollar. The exchange rate is approximately \$1 to 3 Eastern Caribbean Dollars. At this rate, how many Eastern Caribbean Dollars would you get if you exchanged \$5?

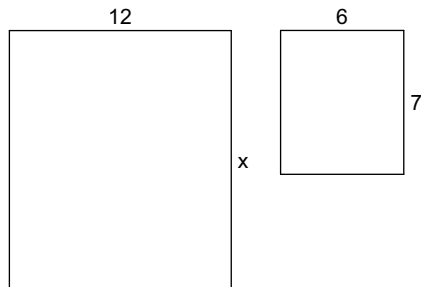
18) Abhasra took a trip to Malaysia. Upon leaving she decided to convert all of her Ringgits back into dollars. How many dollars did she receive if she exchanged 24 Ringgits at a rate of 4 Ringgits to \$1?

19) A frame is 4 in tall and 2 in wide. If it is enlarged to a width of 6 in, then how tall will it be?

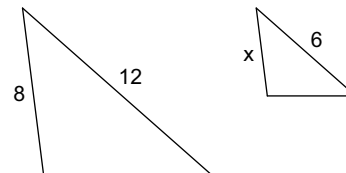
20) Elisa reduced the size of a frame to a height of 2 in. What is the new width if it was originally 4 in tall and 8 in wide?

Each pair of figures is similar. Find the missing side.

21)



22)



REVIEW - Ratios & Proportions

Date _____ Period _____

Simplify each ratio.

1) 40:15

8:3

2) 49:7

7:1

Find the UNIT RATE for each.

3) 80 inches over 10 days

8 inches per day

4) 3 ounces cost \$2.73

\$0.91 per ounce

5) 10 ounce jar of peanut butter is \$3.90

\$0.39 per ounce

6) 12 boxes can hold 96 books

8 books per box

Decide if each pair of ratios forms a proportion.

7) $\frac{12}{6}$ and $\frac{4}{2}$

Yes

8) $\frac{3}{4}$ and $\frac{9}{20}$

No

9) $\frac{4}{2}$ and $\frac{8}{6}$

No

10) $\frac{12}{8}$ and $\frac{3}{2}$

Yes

Solve each proportion.

11) $\frac{4}{5} = \frac{n}{2}$

{1.6}

12) $\frac{5}{b} = \frac{9}{5}$

{2.77}

13) $\frac{x}{9} = \frac{2}{6}$

{3}

14) $\frac{b}{3} = \frac{4}{10}$

{1.2}**Answer each question and round your answer to the nearest whole number.**

15) If you can buy one bunch of seedless green grapes for \$2, then how many can you buy with \$16?

8

16) One package of blueberries costs \$3. How many packages can you buy for \$9?

3

17) The currency in the eastern Caribbean islands is the Eastern Caribbean Dollar. The exchange rate is approximately \$1 to 3 Eastern Caribbean Dollars. At this rate, how many Eastern Caribbean Dollars would you get if you exchanged \$5?

15 Eastern Caribbean Dollars

18) Abhasra took a trip to Malaysia. Upon leaving she decided to convert all of her Ringgits back into dollars. How many dollars did she receive if she exchanged 24 Ringgits at a rate of 4 Ringgits to \$1?

\$6

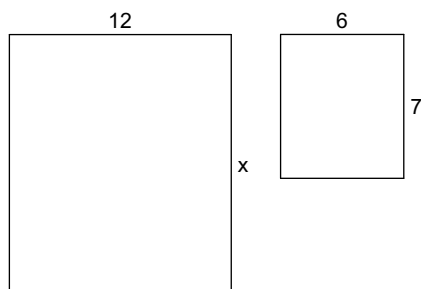
19) A frame is 4 in tall and 2 in wide. If it is enlarged to a width of 6 in, then how tall will it be?

12 in

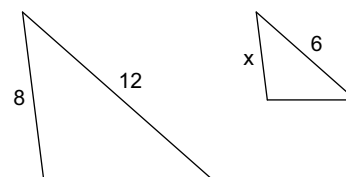
20) Elisa reduced the size of a frame to a height of 2 in. What is the new width if it was originally 4 in tall and 8 in wide?

4 in**Each pair of figures is similar. Find the missing side.**

21)

**14**

22)

**4**