

Repeat to Remember Proportions HWK

Date _____

Solve each proportion.

1) $\frac{3}{n} = \frac{8}{6}$

- A) {3} B) {2.25}
C) {8} D) {10}

2) $\frac{10}{8} = \frac{2}{x}$

- A) {1} B) {10}
C) {1.4} D) {1.6}

3) $\frac{8}{6} = \frac{k}{9}$

- A) {12} B) {4.3}
C) {9.3} D) {9}

4) $\frac{r}{3} = \frac{10}{2}$

- A) {1.4} B) {15}
C) {8.4} D) {4.4}

5) $\frac{3}{5} = \frac{2}{n}$

- A) {8.7} B) {9.2}
C) {3.33} D) {5.852}

6) $\frac{3}{10} = \frac{7}{k}$

- A) {3.8} B) {9}
C) {23.33} D) {2.9}

7) $\frac{5}{7n} = \frac{6}{9}$

- A) {7.597} B) {8}
C) {1.07} D) {8.6}

8) $\frac{6}{x} = \frac{10}{7}$

- A) {4.2} B) {9}
C) {2.7} D) {4.7}

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

- 9) If you can buy one bag of yellow onions for \$2, then how many can you buy with \$4?
A) 3 B) 8
C) 1 D) 2
- 10) If you can buy one package of raspberries for \$3, then how many can you buy with \$9?
A) 5 B) 27
C) 3 D) 4
- 11) The money used in Bolivia is called the Boliviano. The exchange rate is \$1 to 8 Bolivianos. Find how many Bolivianos you would receive if you exchanged \$3.
A) 22 Bolivianos B) 23 Bolivianos
C) 24 Bolivianos D) 0 Bolivianos
- 12) A triangle is 8 in wide and 6 in tall. If it is reduced to a width of 4 in, then how tall will it be?
A) 12 in B) 3 in
C) 1 in D) 2 in
- 13) The money used in South Africa is called the Rand. The exchange rate is \$1 for 7 Rand. Find how many dollars you would receive if you exchanged 14 Rand.
A) \$3 B) \$1
C) \$98 D) \$2
- 14) Adam enlarged the size of a painting to a width of 5 in. What is the new height if it was originally 3 in tall and 1 in wide?
A) 17 in B) 1 in
C) 25 in D) 15 in

State if each pair of ratios forms a proportion.

15) $\frac{3}{2}$ and $\frac{6}{4}$

16) $\frac{16}{12}$ and $\frac{4}{3}$

17) $\frac{8}{16}$ and $\frac{2}{4}$

18) $\frac{6}{9}$ and $\frac{2}{3}$

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