

Mixed Ratio & Proportion Problems

Name: _____

Date: _____

1.) $4 : 2 = 36 : x$, $x =$ _____

2.) How many miles per hour is 1,080 miles in 15 hours = _____

3.) Simplify the ratio $12 : 132 =$ _____

4.) $10 : 1 = 50 : x$, $x =$ _____

5.) Simplify the ratio $8 : 36 =$ _____

6.) How many miles per hour is 192 miles in 8 hours = _____

7.) Simplify the ratio $132 : 24 =$ _____

8.) $3 : 7 = 9 : x$, $x =$ _____

9.) How many dollars per item is 120 dollars in 4 items = _____

10.) $6 : 11 = x : 33$, $x =$ _____

11.) Simplify the ratio $44 : 77 =$ _____

12.) $4 : 8 = x : 32$, $x =$ _____

13.) Simplify the ratio $21 : 14 =$ _____

14.) Simplify the ratio $30 : 21 =$ _____

15.) $4 : 5 = x : 15$, $x =$ _____

16.) $8 : 10 = 16 : x$, $x =$ _____

17.) How many pages per minute is 120 pages in 6 minutes = _____

18.) Simplify the ratio $28 : 35 =$ _____

19.) Simplify the ratio $45 : 27 =$ _____

20.) How many dollars per item is 200 dollars in 5 items = _____