

Name: _____

Ratios and Rates

Tell whether the ratio is in simplest form. If not, write it in simplest form. Then write the ratio in two other ways.

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|-------------------|--------------------|
| 1) 8 to 6 | 2) 7 to 26 |
| 3) 39:13 | 4) 120:64 |
| 5) 9 to 12 | 6) 63:18 |
| 7) 24:8 | 8) 4:5 |
| 9) $\frac{50}{6}$ | 10) $\frac{15}{3}$ |
| 11) 64 to 3 | 12) 28 to 10 |

Order the ratios from least to greatest.

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| 13) 2 to 9, 1:7, $\frac{7}{28}$, 2 to 6, $\frac{3}{10}$ | 14) 1 to 3, $\frac{2}{8}$, 5:18, 7 to 20, $\frac{9}{25}$ |
| 15) $\frac{4}{2}$, 11 to 2, 22:3, $\frac{30}{4}$, 36:5 | 16) $\frac{15}{4}$, 19 to 5, $\frac{53}{15}$, 4:1, 18 to 6 |
| 17) 7:11, 8:12, 6:10, $\frac{1}{2}$, 7:4 | 18) $\frac{22}{4}$, 65:12, 9:2, $\frac{100}{19}$, 5:1 |

- 19) Three decorators purchased bouquets of roses. Decorator A paid \$120 for 5 bouquets that contained 25 roses each. Decorator B paid \$204 for 20 bouquets that contained 12 roses each. Decorator C paid \$180 for 40 bouquets that contained 6 roses each. Which decorator paid the least amount per rose?
- Find the total number of roses each decorator bought.
 - Find the price per rose for each decorator.
 - Compare the unit prices to determine which decorator paid the least per rose.